

dt  
90

Lancet, 78. 2  
82. 2  
81. 1

Tuberkulose

Ursachen in Reg.

Leucocoe in Reg.

Bonilland.

Arnott Untersuchungen in die secund. effects of inf. Venis  
1830

Wunze. Casuelitt Jahrbuch. 1870 II. 95.

Verschiv Chlorosis.

Meyer. Ercidoc. Chlorosis.

Eberth. Correspondenzblatt f. Schwyz. 17 u. 13 1872

Beckmann V. A. 12.

V. A. LXX.

Eberth - Infektions

Herberg. Die puerperalen und Pyämischen Prozesse Leipzig

Eberth. Die Bakteriellen Mycosen Leipzig 1872

Labadie Lagrave.

Valvular Lesions in

Diphtherie in children

FROM  
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OF  
SIR WILLIAM OSLER, BART.  
OXFORD

7666 u

Verh. Ges. abh. 508. Endocarditis

Narrow spots most affected. These must expand to friction & tension. Nodule asantia, ant seg of mitral valve where it is connected to aortic ring. Chordae tendineae just where they pass for the latter to the other portion. In 3. side the endocardium muscular to left aur. the right aur., left vent. & b. vent. (Evidently here means the ch. endoc. The appendage aur. more often affected than the sinus.

Hope refers the greater size of Endo. in left heart to the stronger action of it

Endocard. differs fr. Endarter & Endoph. in its more acute course & greater tendency to outgrowth - vegetations - explained by the greater thickness of the tissues & greater vascularity

The vegetations - The fibrinous deposits must be carefully distinguished - often very similar.

On the transit & connection of the gelat. endocard. with the vegetations - see p. 511. end. par.

Sperling Snagless Berlin Weber's Endocarditis

300 cases		of the single valves
In left heart	297	Mitral 255
" right	32	Aortic 129
In & alone	3	Tricuspid 29
		Pulmonary 3

Several valves in many instances

all 4 -	1
all except Pulmonary	16
Mitral & aort-	71
" & Tricuspid	9
" Pulmonary	2
Aort & Pulm	1
Mitral alone	157
aortic alone	40
Tricuspid alone	3
Pulm alone	0

Litten Weber acute mit. End. & die dabei vork. Rückbildung char

III In 7 cases 6 women 4 in the

The locus of female pts during part of far. Annam for recy  
 of the process creeps in the venous or lymph. and then may  
 with off the it or if heart or the heart is spread to the  
 other organs affected The specific act of the emboli

Do the rubes become aff. the then vessels or by the cir blood?  
In any case the dam v. are most often attacked.

Where does the embolic material come from?

In most cases a primary. Head can be found - a fresh  
proco, a phlegmone - Dep. of the placental neg. Dep. of  
blended colon or, esst. inj.

In the two cases in preg women thromb. & myc. have  
been rheumatic. but no differ. in the clinical picture  
in the anat. referred.

Same specific infect. in cases without esst. injury

What is the nature of the specific material?

That the specific is shown by test of growing abs. - a  
recross with sec. suppura.

In case III no m. found in the deposits not even  
in those of the brain where there was suppuration.

In the 7 cases the bal. changes were

1. pure rennure without ulcers (3, 5 & 6). after separ. of  
the neg. and legal gel. of the abs. no was put. No bacteria  
in them but in the Kidney of each m. in the abs.
2. as papillary form with ulcer. (fall 1). after separ. of  
the papill. growth deep was deep growth.
3. as renal ulcer. rennure. (2, 4, 7). Bact. was abundant.  
Remarks upon the great diff. in form of these

The first few cases that I read where endocarditis  
is chronic or an accidental finding. Not that I failed  
in these cases the severe symptoms of grave aortic atherosclerosis  
not even the bacteremia absent. It seems therefore that the  
causes are not conditioned by the presence or absence of the  
the valves - or in other words that the endocarditis is only  
a link in a chain of processes between the disease of the  
arteries - an injury & the appearance of the bacterial infection  
and he quotes a case of multiple joint abscesses present  
with bacterial abscess in the heart & intact heart valves.  
In such a case the bacteria carriers of the infection  
when the endocarditis is present sometimes not, & by the chain  
of events the same so appear to be plausible & make the infection  
spread for all & the endocarditis in a complex.  
In only 3 of his cases were there no old appearance of the valves

Retained hemorrhages have been described in puerperal fever  
with the endocarditis.

He regards the hemorrhages as independent of the heart affection  
but numerous & characteristic.

Does not think the white center in the nodules an  
p. 115

In 9 cases of sepsis in & the retained hemorrhages

Klebs.

Arch. f. Exp. Pathology IX.

He recognizes two great groups. 1 monadischen  
or stemmatic and a septice

Prefers the term septice to dyphthentia as a general defn.  
process of phas. Endoc. process not after

He regards the invasion of the micrococci as the first change  
to which the cell growth is secondary (59)

Whether the anflagingung of the M. alone induces the defn of fibrin  
he is uncertain

He combats Koster view of the anabolic energy of the Microc.

Question of the anfl. in the closure lines of the valves. Here  
the edges come together strongly & here must small fine particles  
adhere & be pressed into the substance of the pericardium

The changes - probably only small thrombi adherent  
to the ex. organje and from the fine warty excrescences.  
where the M. develop rapidly on the T.h. & the tissue  
of the V. prolif. the m. pass deep in & great des. with ulcer  
result. The necro. is induced by the inv of the organje & then  
later the reactive proliferation. In such no healing, no  
resolubion

The Name.

Sept. had only a superficial resemblance.

1. Clots. Is the vermiform form separate & independent  
No. p 63

This second group the monadishish is schematic

A vermiform endoc. may be either der secundar ungeschaltete Rest  
ja septie Endoc. or the Anfangsstad. ja schematische

In its development differs little from the septie - form or  
blood deposits, close fine rest from masses. Under this a fine  
layer of mucinocci which are plainly different from the septie.  
The indiv. granules are larger fast 0.5  $\mu$  and lie in single cells  
which a light fine about 1  $\mu$  - encapsulated. The granules  
are arranged in parallel rows and the brown color of the septie cocci is  
absent.

The further changes depend upon the penetration or not of the living  
the cocci.

What is the first change? the dep. of the M. & the fibrin or the alteration  
of the tissues. R. Leans toward the former may find a rh. ind. with of the fibrin  
depends the mucin. on the unchange. redocant.

p 66 des. changes.

The <sup>reaction</sup> secondary changes in the tissues a secondary sign of have depending upon the gr  
and the system. not in the course of the descent  
Neplantes & Endocanthis consist of a 3rd cause the schem. or monadish  
form.

P. 79. every recent ind. with der ja valve occur in old sediment & calcar  
valves. - same changes.

P 82.



Goodhart.

Path. Society - XXXIII. p. p 54

Refers to Dr Purke. & Dr Williams

Has examined many & not found bacteria

Two points 1. the coexistence of the disease with  
chronic inflammation

2. The tendency of the disease to appear in  
groups or epidemics.

Of six cases. five associated with old valvular changes  
Of 69 cases which he collected some years ago 61 were in old  
old thickened valves. 4 others on the right side & only four  
were primary ul. endocard on the left side

Rosenstein attempts to distinguish two forms & doubts if there  
is any clear distinct form since of these cases with old thick  
valves & heart of which were so prevalent in the West for typh.

He once thought the assoc. present  
with old. was the result disease

The occurrence in groups. six cases in 6 weeks. In 9 years no  
of heart disease. for in 376 ul. endo. cases appears in  
groups partly closely together. depend upon ext. influence  
during the preval of the ul. endo. scarlet fever Typhoid.

pyaemia diph. Impurities gave almost nature prob.

Surg. scarletina. Thinks it is veritable scarlatina engraved  
in a modif. The local disease affords a suitable nidus in

Museum D Jun 5. 82.

which the germs can develop.

Patients with ch. scler valves are walking mushroom beds  
in common times without spain but in period of epidem  
not take in germs of various channels & it perhaps in these  
cases into endoc. ul. in other to suppurative process etc.

Says ulcer end is not a good name. Has adopted the  
term fungating

Keller. (quoted by Pallas Bull de La Soc. Anat. 1883 p 44) explains the  
recent end on old scler valv of suppurating that the infe. material increases  
gain access to blood & in the slough of car. in des valves. they lodge in the asperities &  
indurations & give rise to the endocarditis

Thompson. Med Times & Gazette 1879. Case of pyaemia  
evidently from acute necros of tibia. There was old mitral  
disease & no fresh vegetation

facies. The erythematous eruption which so often precedes  
the onset. 2nd or 3rd day. May be mistaken for S. fur

53 720 11113  
Dacosta in Encephelase Pneumonia, Ann J 1877

Bridges. Med T. & Gazette 11 p 204.

Bouchut & Lubachin-Lagrave in 15 cases of Diphth. necrot. 14  
cases pleuritic pneumoniae

Keating Death from embolism in Diphtheria. T. Path.  
20. Phil. VII. 50

Bridges. B. M. J. 1864 II 457

Ant. Soc. Anat. 1858 XXXII. VII. Dph in pneumonia

Progres Medical. 1879. VII 744. T. clamm 108 pms in Diphtheria  
Heart lesions, no pericarditis, no endocarditis

B. Soc. Anat. 1874 L. 343

A. Deuten ch. r.

Palmer. Eng with acute Rheumat. B<sup>ol.</sup> M & S - 1868 - 6 79 - 7

Pompeck Deutsche Klinik Berlin 1857 XIX 177, 185, 197, 211, 22,  
234

Potain Pneumonie Engse. France medicine X + VII.

Case of Pneumonia with engseles following, on 3rd day

Herard. France medicine. XXIII. des a case of Phlog & fruct in with  
the lung became in vol in pneumonia.

Case also by Ternier - F. medicine

Parrot, B. S. d'Anat. 74. Has examined 23 cases of  
Siphthema & no heart affe of valves.

La corde Eggle medicale 82. 7 or 8 cases of endocard  
- Deahester. Cannot say whether for his  
descript - they were cases of silent or vegetative  
women more than men & milder more than acute.

Grancher (Lancet 841) 1057. In May 24 came to St. des  
Hosp. Says saw exam on the pt & des micrococci. It may  
superior on so many cases. Case of his only marked cardiac affe  
Adm with card. weakness, fever. Little faller & dispocea kind bruits  
Stimulated by not the typhoid form. Each day for 20 days colle  
Blood autopsically & placed it in flasks cool. Parleus fluid.  
In each flask there dev the same organism transparent  
Micrococci wh cille at bottom of glasses. On death of pat. no infant  
Blood for heart yielded in culture same organism & similar on  
valves no inoculations were made

~~Marie Gay~~ <sup>CR</sup> ~~not Paris~~ Leprie B. S. Burt 1869 notes a  
un iieg de predilection. in endocarditi. in the pulso - ext wall

Thuris M. d. Soc. Burt. 1869 8 cases of ch. val disease in women without  
R. history in whom he attributed the affe due to sub-acute

Endocard during various pregnancies all mitral cases

Embolic infarction of Muscles.

Revue de médecine June 84 Grandeau.

Rare. St Coriol & Kainer have met with two with  
Griseau (1) Ch. met with albumen (2) Nut & aortic old  
3 also in old. here in acute.

See at 80.2.

Outlets in. Endo for slight R. receive of an embolic  
Murmur. In course of three years was in mind probably  
from emboli.

Thompson Lancet 80. 435-477. Very good remarks. Apathy.  
Irregular fever. Delirium with a beat mucous. eruption of  
embol of cerebral. Pétéchie. embol. on skin  
Drenching perspiration seconding to -ague & far beyond the  
average mark of abscess or Phthisis

Belin

in K. H. for 84 11.1. in commenting on Goodhart's cases  
says not all ul.

The form of ulc endoc arise for album degree of old valv  
shows a def clear cause for the acute

1 Ruskles. 4 RCP. 497. The etiology of valvular disease as cause of Pyæmia  
Refers to cases in which all signs of general infection of the  
body are consequences of the pyæmia.

Especially of cases (which is given under the name) is clear  
and Rheum. When acute etiology of pyæmia, certain of the arterial blood  
with lymphatic pus & other of pyæmia of the same of the blood pyæmia, Febrile  
disturbance of the lymphatic system, nausea vomiting prof. diarrhoea. Erythema  
eruption of the local suppuration in particular. Local dist. of the vessels with  
soft of brain and a hemiplegy. In 1852 he drew attention  
in Med Chir Trans 1852 p 316

Asks why in old Rhe does not happen. ? probably does & takes erythema  
some part of it.

Remarks that it is more likely to occur in those who are debilitated  
& who have drunk hard

Refers also to the alternation of infection & sudden death  
in the Malaria a distinction between the two.

Spertt. Engl. Processes. D. A. the med x xviii.

1. Pyæmia & Meningitis. Is a part of a general process? or does it owe its  
origin to the Pyæmia. A case given. In the circulation column & chains  
of pyæmia



Reynaud. N. Arch. 75 corrects the statement that Endocarditis  
altissima is the only form in which a typhoid state may supervene  
He describes a case with typhoid sympt. in which during life T. did not rise  
above  $40^{\circ}\text{C}$ . P.M. focus in Brain & Kidneys, Vegetation in valve  
No ulceration. According to him Endocarditis typhosa is a clinical  
form and does not necessarily stand in relation to ulceration of  
the endocardium.

Bruchat. Gaz. des Hopitaux 1875. 2 cases in children. See Kaji.

Ogile Path Trans. Vol 1X All on left side. of 21, 15 the aortic val  
culer curtain of mitral more often affected than posterior  
of the 21. of case - two in which the valves did not present  
other changes.  
In only one were the other organs healthy. Kid des. pneumonia  
in fibrous block. 7 p. 14 m  
Only 3 atheromatous bodies.

Jaccoud. Art Endocardite, Sicca

Endocarditis most often attacked of course of heart 144 in number

The emboli free 2. nodules. one in each valve - other in addition  
have suppuration. This gives the character to the form of

Endo. It is not the fact of the ulcer & of the secondary emboli  
that may exist in acute rheum. Endo. The char is not the ulcer  
but it is the specificity of the & septicity of the material.

Says the term ulcer is bad suggests true septic or infectious.

The case occur in the debil. drunkens. cachectics. & comes on either during  
an attack of rheumatism or pneumonia. Mais en tout cas, c'est d'abord  
s'aurait été de l'organisme que les formations inflammatoires  
tirent leurs propriétés nocives, les maladies infectent eux-mêmes  
par les produits qu'ils engendrent. Au 'auto-septicémie'

The infecto. capillary infarcts always hemorrhagic

Pneumonia not often curable. Endocarditis frank but the bad ones -

" Endo. septic or infectious. The char of the fever, by the general perspiration & by  
the grave secondary accident. Organ may be overlooked if hearts not examined

2 form. La typhoïde et la pyémique not always sharply separated

Heart symptoms present nothing characteristic

Typhoid form. Arise often with a single rigor  $T. 40^{\circ} 41^{\circ}$ . all signs of septic  
fever. Rapid prostration and by the 3rd or 4th day patient may be

in a state similar to a typhoid patient of 2 weeks  
delirium: then stupor. May have automania,  
dry tongue, dry mouth, dark feces. - produced (invol. of pulse)  
(not always acute thro). Cramps may be present.  
Diarrhoea, mucus & blood & parasites. Parasites -  
In the absence of cardiac symptoms diagnosis may be impossible

Septic form

Melaesthetic foci are constant, resemble a traumatic  
pur infection but the source of the poison is at the heart  
in place of an open wound.

Onset brusque, not single but repeated rigors, may be twice  
in the same day, sometimes very regular. Heat often exceeds  
Duration var. Schenkyer saw death in 4 hours during an access  
of the rigors which lasted that time. Sometimes jaundice  
Signs of abscess. When icterus present may resemble  
acute yellow atrophy

Death is more <sup>rapid</sup> frequent in the septice than in the pyemic form

Campbell

Disc. in B M J. 84 1. Thought the term abscess misleading  
The disease might occur without anything like a septic focus  
Malignant, as Cayley too by the term abscess.

Dr G. Abes

Thought that nothing def could be said as to the connection of  
the micro & the disease. Some of the capillaries dies with micro  
but there were not infl in neighbor

Dr Sanson. In the correction to a note Lancet 1884  
he speaks of the necrosis being present, caused by the bending of  
the pedicle of vegetation in the irregular evagination of diseased valves  
a lead then to the necrosis.

Dr Janeway (N.Y. Med. Rec. ) calls attention to the fact  
that ulcer endocard might resemble central disease like  
Cerebrospinal fever. - the pelectia

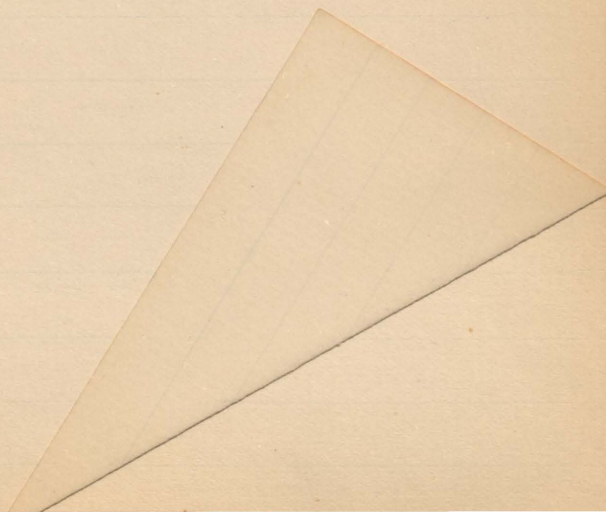
Dr Ashby (B.M.J. 1882) remarks on the frequency of sub-  
pericard. after tonsillitis

Dr James Paget. In Chem. Trans. xxiii. referring to the liability to disease  
of malformed antea-pul segments says: "Parts which  
from defective or erroneous development are wrongly shaped are  
often at the same time imperfect in their tissue and are therefore  
very liable to disease."

Bonetoni. B.M.J. 80.1. thinks no causal connect between the disease  
& the disease: The disease or ulcer may take place spontaneously  
in any of the inflamed segment of the valves or other pt.  
of the valve surface and that it is especially common after or  
in the course of acute rh.

The supposition in a case of mitral valve disease of transmitted fever  
from abs. from a toro leads us to spleen

6.8.16



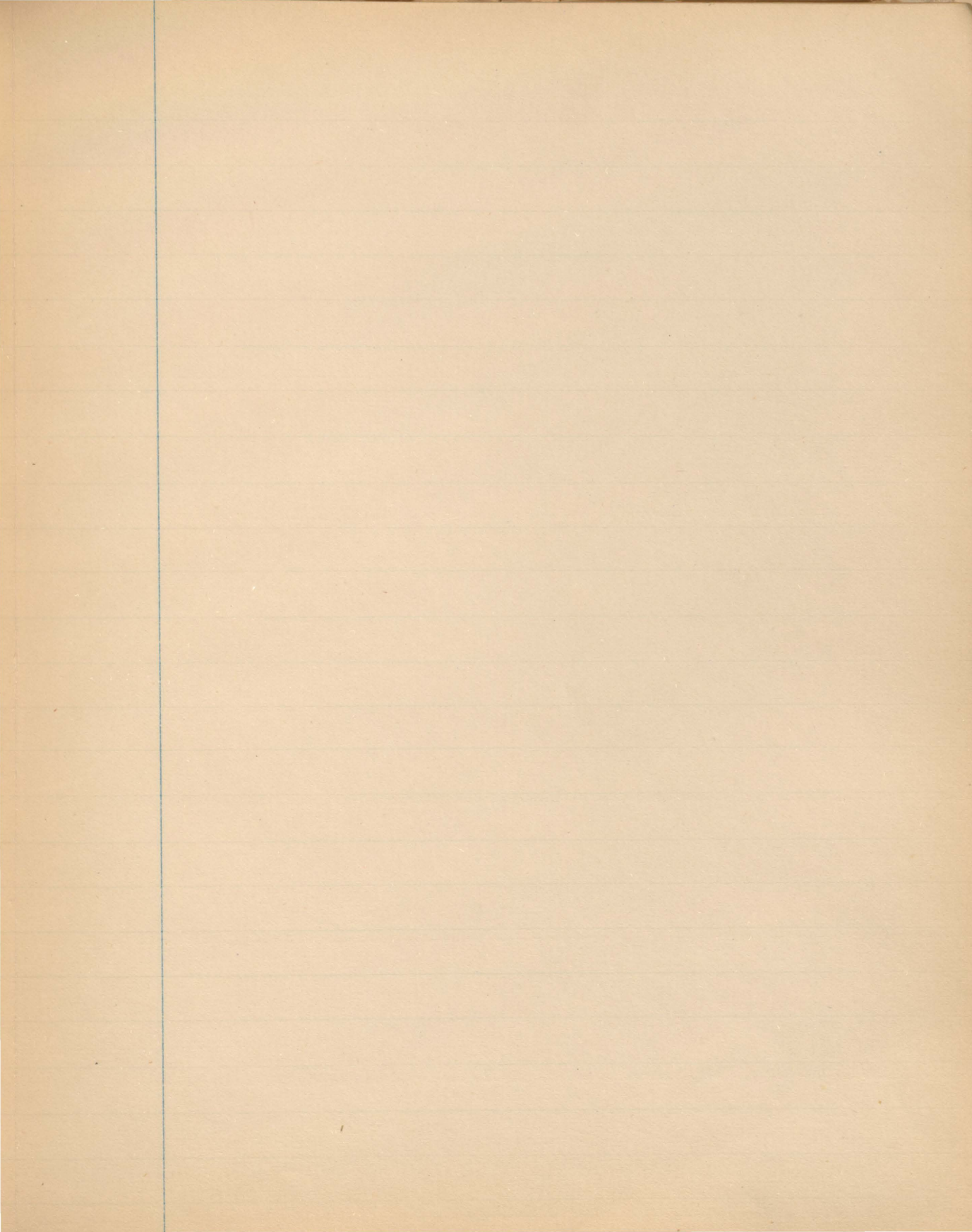
Liver

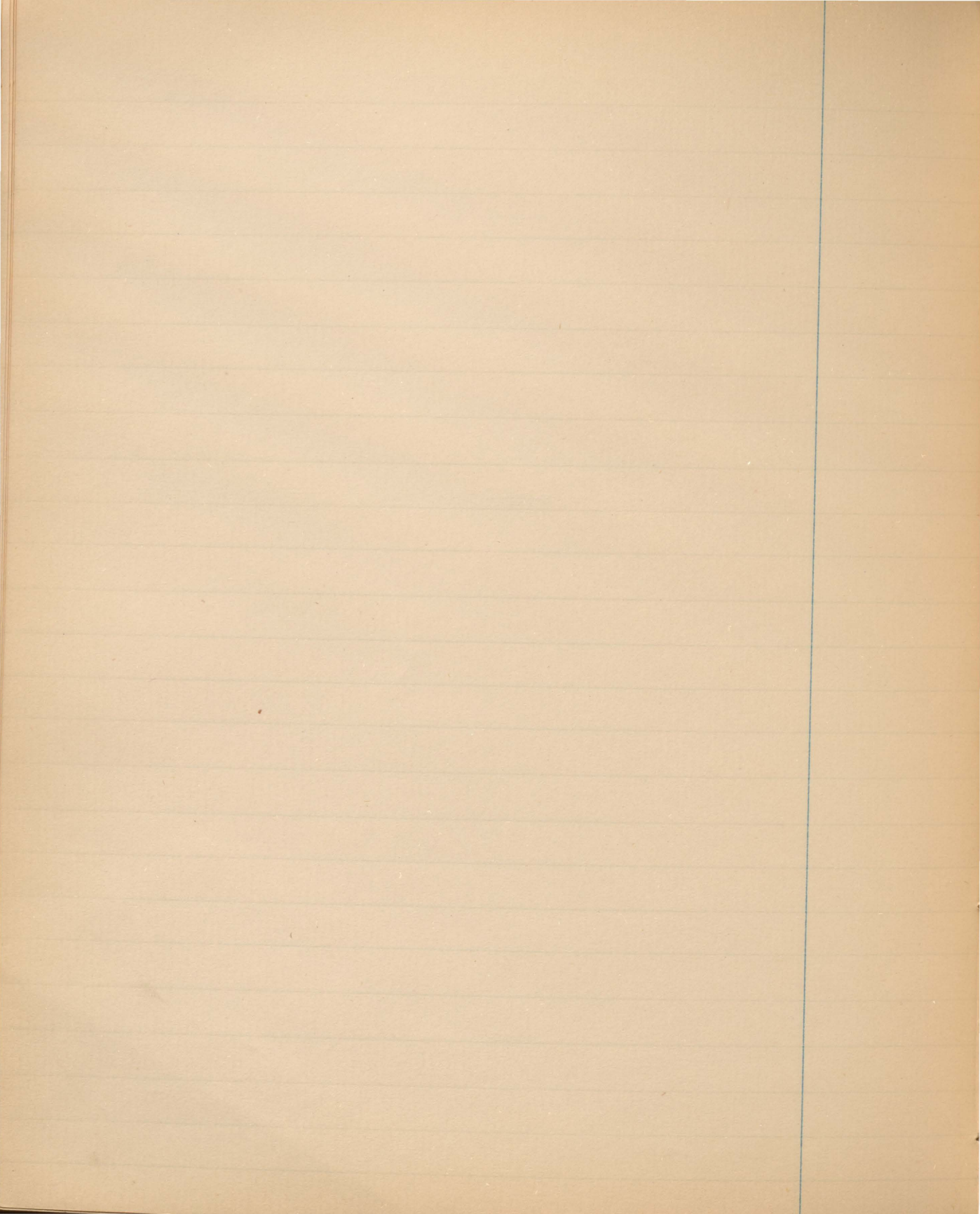
94 Griffin. Ext. abruptly. not consistent of organ parts of left lobe &  
united to H. lobe by a tendinous band.

in

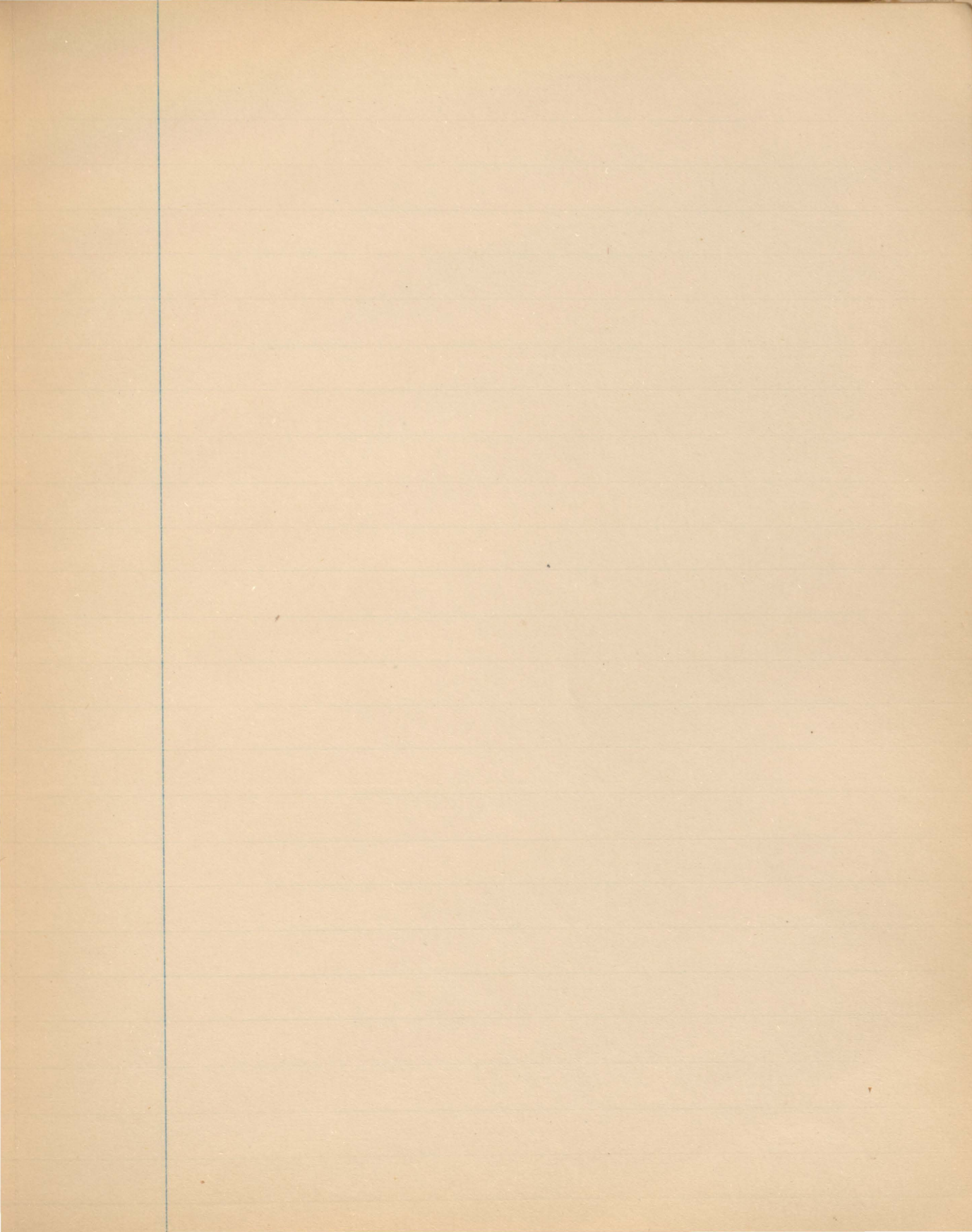
The superior

portion all from









Gall bladder + skin

- 1 x y + v. Care Penn. ab 2. 26 small gall stones. little pepper. green. no fossils dark.
- 2 84 Cancer Gall bladder + liver.

## Questions

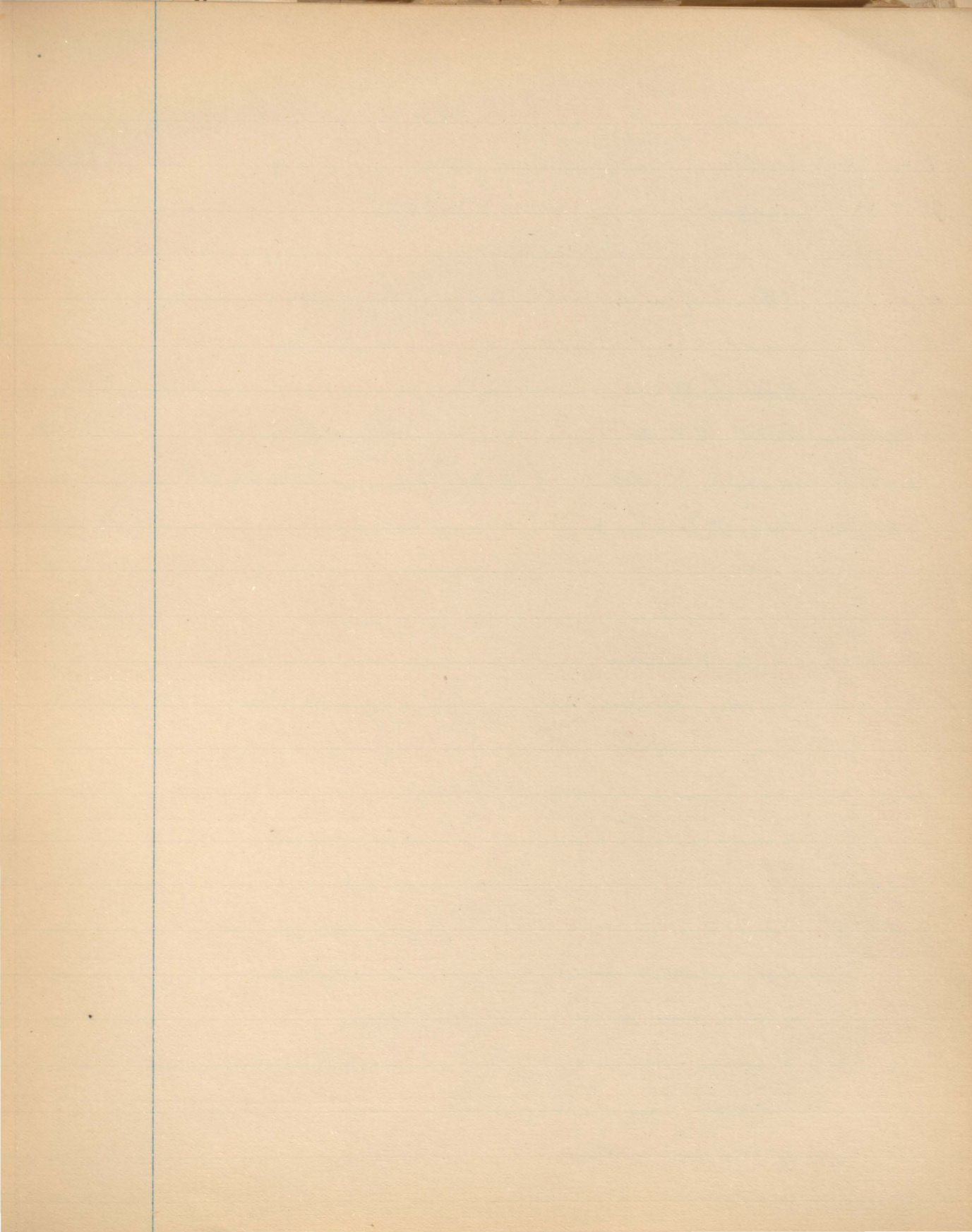
1. Is there a primary specific Endocarditis - a general disease which has its seat of election, its region of localization, on the valves of the heart.

(Vide Galstonian Lectures 1885 on Localization of Diseases)

D. Washburn.

# Peritonitis

1. XX. From Pelvic abscess.
2. XXVIII Typhoid perforation
3. XXXII Perforation of Cecum.
4. XL VII Perforation of Intestine.
5. 84 In case of cancer of Gall bladder.
6. 85 Ovarian Tumor. Per. gran.
7. 93 Typhoid Perforation - general.



Case	aged	Lungs	Pleurae	Heart	Spleen
1 (10)	7.	Fibrod. carles. R. small & Tub. in groups.		5 oz	5 oz. Amyl.
2 (11)	8.	Small cavity in left normal lob.	44 B. f. R.	no large.	5 oz.
3 XI	-	R. Ca. L. Ca.		-	9/2
4 XVII	M. 20	R. M. T. L. C. M. T.	M. T.	8 1/2	m I 8 1/2 oz
5 XVIII	7	L. Cav. T. R. Cav.	th. ad. Tub. <small>dist. thick. 4 lines</small>	7 1/2	7 1/2 - 4 1/2. Tub
6 XXI	m.	R. C. S. M. T. L. C. S. T			
7 XXXV	M. 62	Send of Pneumonia Fibr. areas with caseous nodules & grey T. at apices		no other tubes in organs	
8 XXXVI	m.	acute Tuberculosis Aortic aneurysm R. small cav. M. T. in whole of lung tissue	Tubercles		9 1/2 oz Tub
9 XXXVIII	w.	Fibrod. Lung. R. cavities at apex & tub. bord. rest. fibrod. L. Cav. lay. at apex. but healthy		hyper. pacific left right.	
10 XL	m	R. Cav. - small. sup. Tub. L. Cav. open. Many tub. Good deal of fibrod tissue about cavities		Large. Rheumat. hyper	115 grs
11 XLIII	7. 19	R. a few small tub. L. also a few bordered of and caseous	th. T. in R. of pleura	300 gr	

Kidneys	Pestman	Liver	Stomach Intestine	Colon	Brain	Reu
Amorphous		5 1/2 lbs Amorphous	Amorphous no ulcer.	many small ulcers	Exam. no tub	Canes of Verte.
	<i>Scten. tuberculos</i>	-	-	-	Ex.	
			ulcers	ulcers clean cut.		
no M.T	few M.T. in Mes. Mes. gland & such	Few Tub.	-	-	Ac. hydroceph. Tub. Sp. many	
Hfg. R. 13.8.	lab of Prostate.		ulcers.	ulcers	Tub. in ulcers	
ext. Tub disease.	lymph in Periton.				Mul. tub. Coarse Tubercles.	
of Bladder						
Tubercles	Free.		2 small ulcers			
			a few ulcers some appear to have healed			
no M.T					no lymph. Many tubercles central left	
Re.						

no	Age	Lungs	Heart	Other	Weight
12 (48)	M.	R., C.L. with blood, M.T. L. abs. L.C. M.T.	Death from Haemorrhage.		150 gr. M.T.
13 (52)	7. aged	Head of Cancer of Tongue R. L. Caseous masses in apex. In lower pt. Caseous masses & small cavities. Indurated & fibrous. pyopurulent tissue & rough. & 3rd group.		Secondary Cancer of Liver and cavities in lower pt. of up lobe cap. mass, but & small cavities L. L. after Cas. mass.	
14 (54)	M. 32	Lungs only a few caseous masses <u>Tub. nephros</u>		R. V. Hyd. a series of Pur. cysts. Left and caseous masses. Tub. dis	
15	M.	R. G. lower pt. of lobe. Cas. M. T. L. Cas. ap. M.T.	B. r. gland enlarged M. tub.		315 gr.
16 (62)	M.	Dead of Double Pneumonia Large irregular cavity with cheesy walls. Turn about in stage of red hepatisation	R. apex occupied by		9'
17 (65)	M. 35	R. C.L. Tub. Cas. d. many large cavities in Red hepatisation lower pt. of upper lobe			360 grm
18 (68)	7. 42	slight effus in serous sacs. Feet swollen. L.C.L. M.T. Cas. R.C.L. very it. B. gland Tub. M. S. mac. cer. glandular.		Recent endocarditis of mitral	185 gr
19 (75)	M. 72	L. caseous mass. sup of mitral. M.T. R. M. tub. B. gland large, a little cheesy.			
20 (79)	5 1/2	Old hip disease R. caseous spot. with a few dry tub. in a few tub. at apex			



Peritoneum

Liver

S. Intest

L. Intest

Brain

3 lines size pt. Ext. tub. des of pelvis & substance numerous tubercles  
of bladder no tub. elsewhere

Ulcer in jej  
S. Intest T. on  
peritoneal side

Largest tubercle  
extensive.

Coarse tub. along  
F. Intest. mult. tub. des

Tub. numerous  
aqs. Mesenteric.

Tub. meningitis  
very little lymph. in  
T.

Lungs

Pleura

Heart

Spleen

Kidney

21 (79) 7. R. small caseous mass & a few mil. tub. L. small cavity sup. abn. ple. few mil. tub. not much caseous

Amplord. safo.

Tub. extens. L. larynx. R. small covered. at a few cheesy at. bladder ulcerated.

22 (80) 7. 22 L. Cav. osseum in Cav. sup. part filled with jelly-like material. Tub. B. glau. R. Cav. at apex

Lymph on left. Tubercle. Nod. of Langhans.

140 gr

23 (81) 7. 21. not emac. R. Pneumothorax. L. Cav. dis. b. stem des. R. larynx of small softening area. Ext. des of apex

133

24 (82) m. Cancer. red. l. v. R. l. v. L. tub. at apex - fibrin. Old tub. in fr. fresh pneumonia area ext. sup. R. Cav. at apex. Old fibrin & caseous masses.

85

25 (88) m. Appendix des. Per. abs. mes. sup. hepatites. Emphysema left. of old absconding lung also on entire nodular masses at apex. & in ant. margin of med. lobe

26 (100) m 43 Dead of epilepsy. Puck. coal at apex of R. with old caseous mass, about which are military tubercles. In R. small cas. mass. with radiating fibrous bands & many tub. in vicinity. 3 other patches. all caseous. fibrous & mil. tub. about. No other mil. granular. Br. glands pigmented not cut. not cas. no tub.

Analysis

4 tub  
1 effusion  
1 Pneumothorax  
Hypertrophied 9+10  
ac. Endocarditis 16

Amplord 1 + 2'  
Tub in par.

Amplord 1  
Tubercle 4, 6, 8, 14, 21

Pentamer

liver

S. Dules.

L. Dules.

Brain.

not amplified.

amplified reaction

Peculiar cavity. look up.

ulcers in du & appendix

no tubercles elsewhere.

ulcers of lungs. Military tub. in <sup>left</sup> pleura of empyema. in apex of coll. bird lung, in right

mid. lob. & between lobes in the pleura - fresh crop.

no other tub. in the epilepsy. Observed. irregular

Tub. 2, 4, 19

Amplified

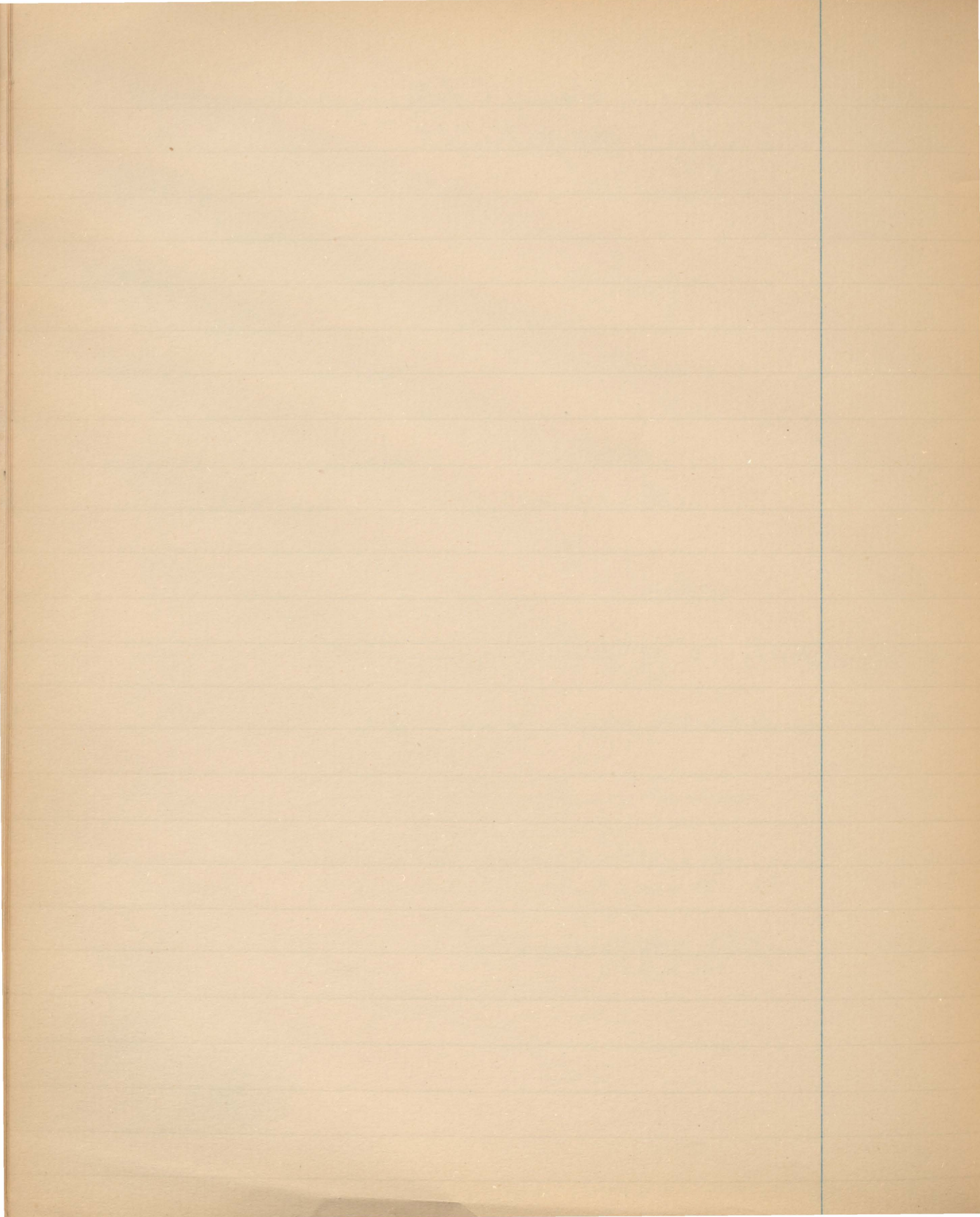
ulcers 3, 5, 8, 10, 18  
23 - 6

Ulcers 1, 3, 5

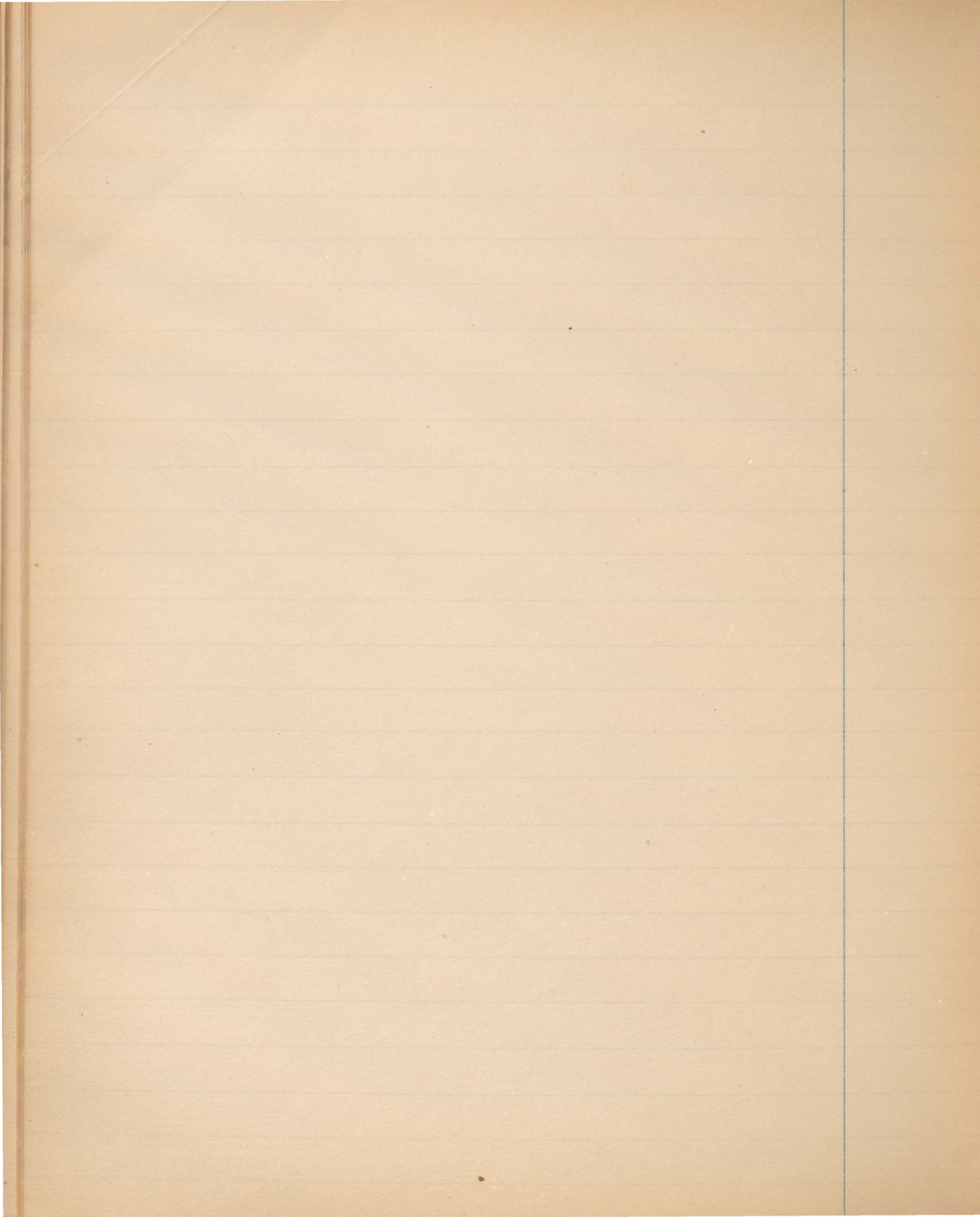
Tub 4, 5, 6, 11, 19

Tub. 4

20







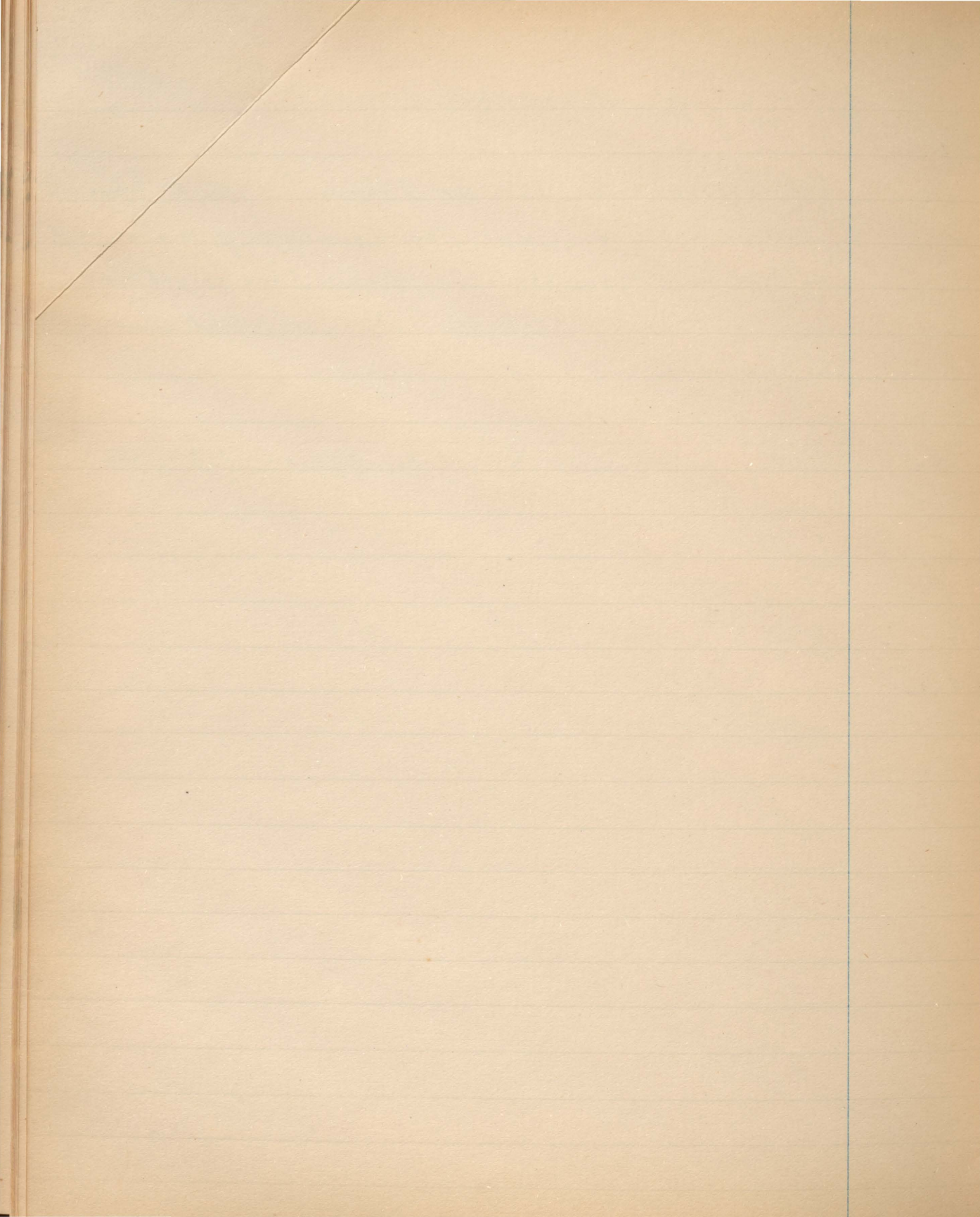
# The Micrococci.

1.

Weissgerber & Rebs. (archiv f experim. Path. 11.) found micrococci in the veins of the Kidney in cases of angierlesia of that organ & in animals after closure of one renal vein. Suggest that the M. wh are normally in or collect under the circumstances.

2

Klebs (archiv f exp. Path. 1878) differenc. in between the M.



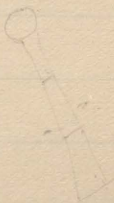


## Heart. clots.

1. (XII) Int Peritoneal. Interatrial. cavities almost empty
- 2 (VIII) .10 ozs. rt chamber
- 3 XII fluid blood. case of gangrene of lungs. Respir mot absent. No time given
- 4 XVI 13 ozs of clots from heart - case M. cord
- 45- XXI Rt. auricle full. other chambers empty. Tub. filled.
- 6 XXIX Case puerperal pyaemia. very firm coagula
- 7 XXXI Case mal small box, 9 hrs P.M. lying ill 3 days. No clots in cardiac cavities.
- 8 XXXVIII 20 ozs of granular clots
- 9 XLIII Tub. meningitis. no clots only fluid blood
- 10 XLVIII 30 ozs from cut vessel
- 11 XLIX Aorta 3 1/2 lbs of blood in rt pleura. No clots in left chamber. Good deal of blood in right
- 12 L Aortic valve dis. (muscul. of aortic) L.V. dil. only small quant. co
- 13 LXI Per. Aneurysm. One small clot in rt. 3/10 of ill in left chamber
- 14 LXVIII Fibroid heart. Rt. aur. appendix very firm col. clot adherent in left vent. thrombus mural. striated. ad to ant wall & septum. when the wall is fibroid
- 15 80 Phlebitis. a perfectly colorless coag. in left vent underlined with valve
- 16 82 Colorless clots in app & rt vent. case phlebitis
- 16 83 Pyaemia. necrosis. Fluid blood (26 hosp in) in R.A. small clot in R.V.

1. How soon after death may dots form. Case 18.

2



## Heart clots

- 17 (87) L.V. dense clotted clot. Case Pneumonia.
- 18 93 5 hours P.m. case Typhoid. clots forming.
- 19 97 Leukemia. on Bell. com v S.J. 1876.
- 20 110 Diphtheria. 1 1/2 hrs p.m. fluid blood. L.V. contracted
- 21 127. Case Typhoid 3XVI. H. for it around heart
- 135 Diphtheria. Rt h. full of blood. L.V. contains distended  
with a large partially dried clot
- 138 Diphtheria. Rt heart full. Left V. small clot
- 152 Case of Ulcers. clots in heart. color of Tan-bark.
- 304 Early decursus. in case of delivery. aut. 27 hrs p.m.  
fluid blood & clots in heart.

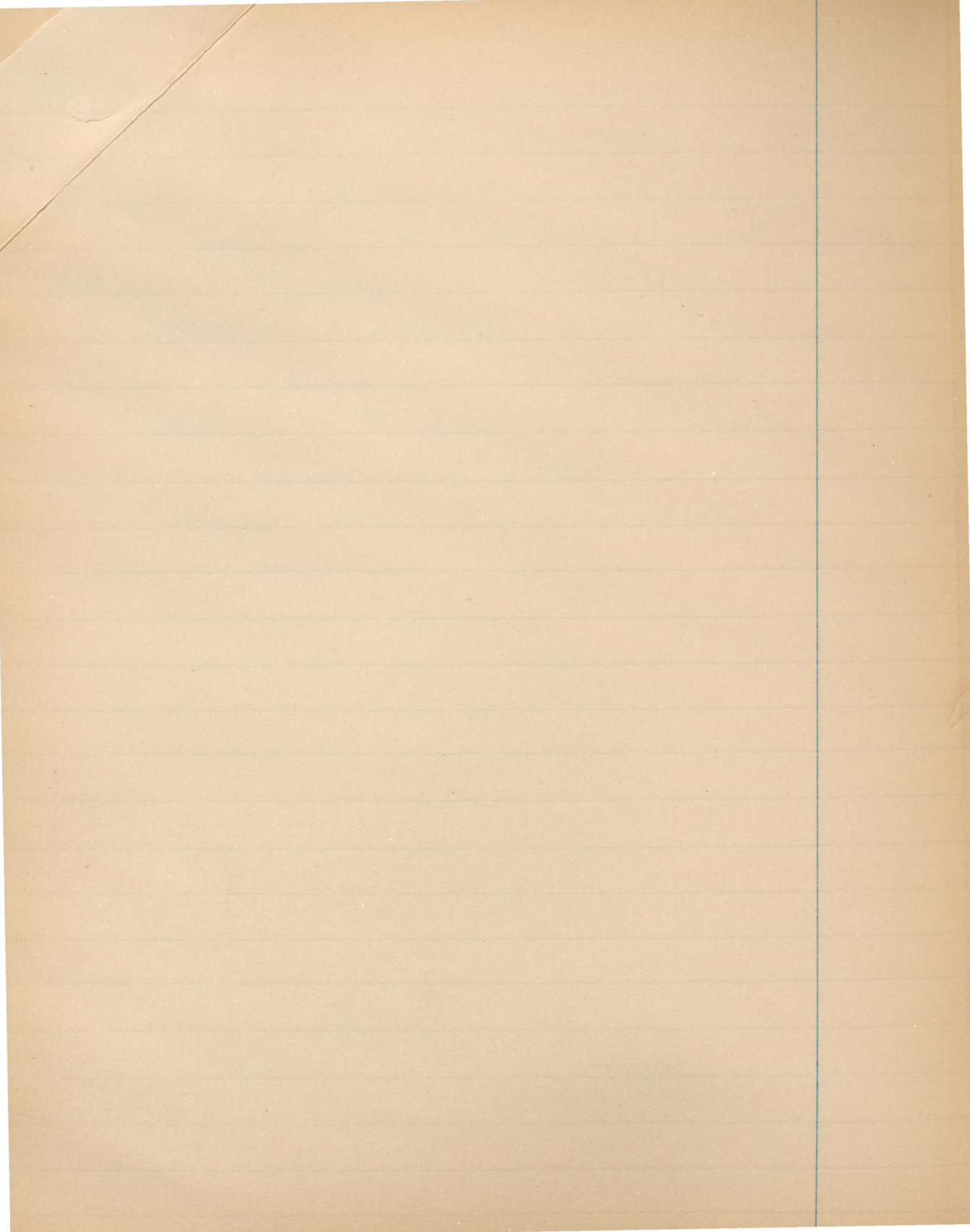




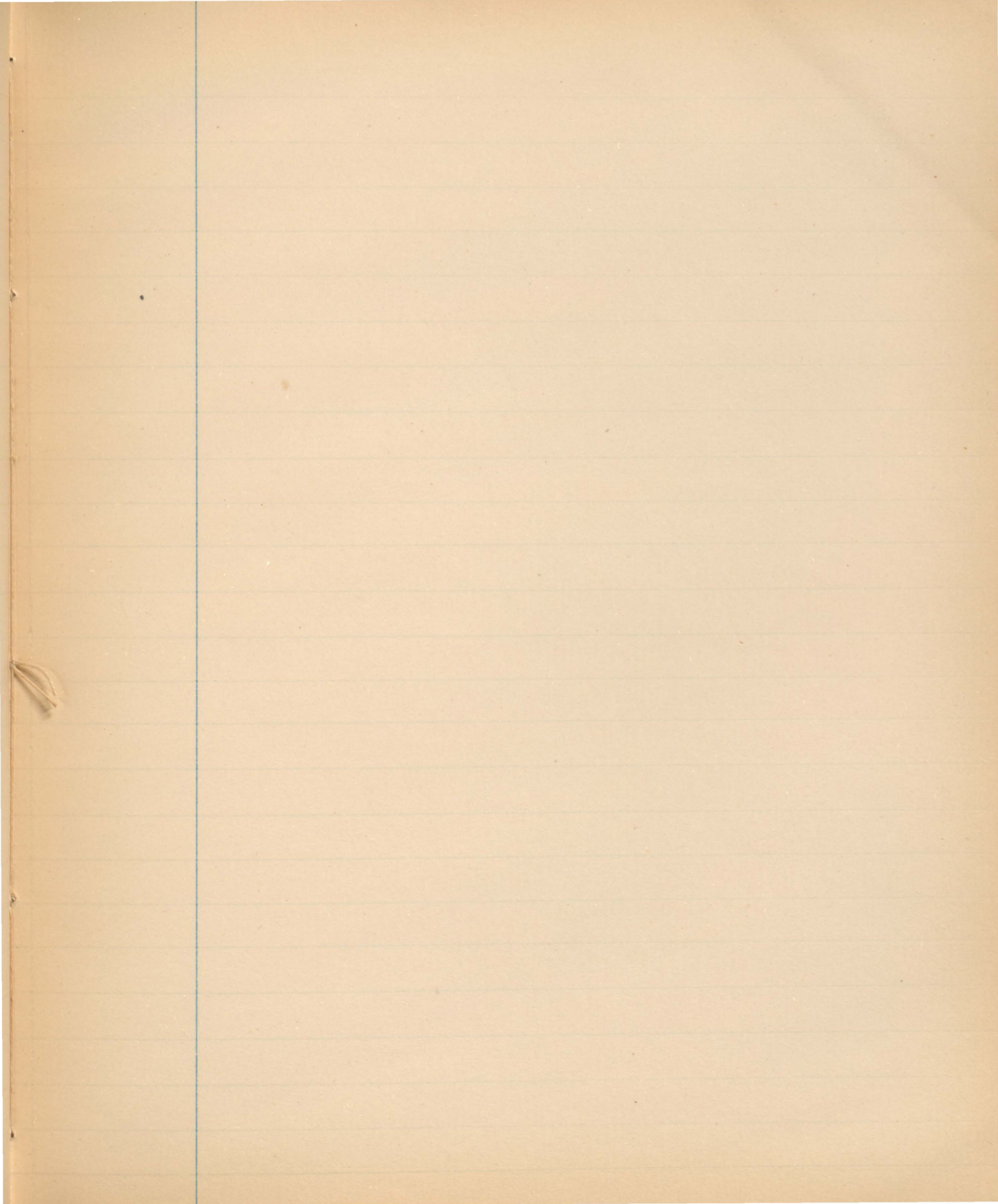


# Brain

1. (X) Meningitis. Pneumonia.
2. XI Clearcut in 3rd vent. (40)
3. XII Case gang of lung. Small haem. on later surf. Rt. Hem.
4. XX Thalamus united over 3rd ventricles
5. LVIV Abscess of brain.
6. 82. Sec. cancer of brain. in Cauda Equata
7. 89 Traumat. apoplexy
8. 92 Thalamus united by broad grey band over 3rd vent.







Other than Rheum & c  
Septicemic processes. Strain, Ague & c.

1  
Litten Char am<sup>III</sup> M 17 Pat brought <sup>9th</sup> in mucus, fever,  
Dysentery Sple enl. Death on 13th. thought abd  
Typhus.

2  
Greenhow Path Soc. 31 M. 39. least strain 3 months before death  
strain pain 2 months dysp in exert & pain. No  
fever. all in urine.

3  
Path Sibily 30 p. 132 7. 35- ague Oct 77. returned in Dec 77  
ague Repeated rigors abt Feb 12th 78. Intest.  
rigors ceased. Tongue dry. became incombible

4  
Goodhart Path Trans 33 7. 26 7 months pregnant. Ill sudden. admitted  
Pleurisy. Puerperal fever. with pleurisy which became purulent. Del. moving  
after admission. H. sound & put normal. numerous <sup>in</sup> scars  
T. rose 3 weeks after admission

5  
Ogle. Path Trans 19. Carboris 7 months asales. Ad 29  
on 30th rigor 102°. 31st rigor. circulation

6  
Greenhow. Path Trans 19. M. 48. admitted with pain & swelling of  
R R. knee. 31st March. exuded pus exuberant  
on 28th April. swellings red in umbil & c. T. 104 Sept  
pyaemia T. 105 Death on 7/4-

Depth of ulcers -  
Ulcers of all aortic valves ext.      remarkable  
lung infarct. poor pleurisy      case.  
abs in kidneys in brain intest & heart mus  
Reformed heart

H. hyper.      Puffed st & vent aortic segments.  
valves  $\frac{1}{2}$  regt. for the right cusp. free edge of the  
produced ulcer in the vent wall. ulcer with no  
thickening  
Mitral with some regt.  $\frac{3}{4}$  +  $\frac{1}{2}$ "      no infarct      good case

ac. ulceration of aortic valves.  
Supp inf. in kid & spleen.

Probably a puerperal case

Large flabby heart & chy.      Ulcer & regt in  
aortic segments. Inf in spleen not sup

Pus in the joints      Ant flap of Tricuspid soft exudation  
Mitral at free edge gone flat & soft deposit  
Lobar pneumonia

Other than Rheum & cases

<sup>7</sup> Boyer	B. Soc. Anat 75	m	9	Typhoid fever, diarrhoea
<sup>8</sup> Boyer crank	B. Soc. Anat 75	F	6	Croup, well marked, trachea & larynx Tracheotomy
<sup>9</sup> Vireuque	Bul Soc. Anat 77	m	23	Came in with Typhoid, Heart murmur, diarrhoea pulmonary symptoms
<sup>10</sup> Stoicesco Diphtheria	" " " 74			Diph. Nut & arteric veg. Pul. infarct
" Labadie-Lagar Diphtheria	" " " 72	F	6	Diphtheria, Ecthyzures, one in knee & distinct nodosity - a cut infarct 1/2 ct.
<sup>12</sup> " ...	" " " 7		2.	Gangrene of the vulva septic. inf. infarct of liver gang. of hand dead of diphtheria. Vegetation in nostril no infarct in
<sup>13</sup> Lundinzy Diphtheria	Bul Soc. Anat 73	F		The notes simply the coincidence of Diph & Endocard Absence of rheumatism. Parotid adenitis, the upper lip varicella. Had rheumatism in 1838. Adenitis Aug 11th: 11th Sept a murmur. 14th Oct death 3 other cases in varicella. Slight vegetation -
<sup>14</sup> Bouffland	Gaz des Hopit 67	m	20	
<sup>15</sup> Dunoyer	" " " 7	F	20	

Vegetation on Mitral & tricuspid  
Percussible - no infarcts -

On tricuspid and mitral vegetations -  
& mitral thickened Infarcts in lungs.

Peyer's patches swollen. Hepat of the lungs.

End of aortic valves verrucose. Mitral vegetation on both faces.  
same on chordae. . . In spleen.

On mitral - an embolus (laxis) of vegetation, rounded

Mitral V. a double series of minute vegetat } evidently simple  
On tricuspid also small vegetation } mostly veg

Recurrent on mitral

16	Carter	Lancet 1841	m	16	admitted 30th Jan with ac R. health before pleury on 3rd day & sank into a typhoid state
16	Lancereaux	Gaz de med. 1862	m	25	adm. June 24 1860. Int fever for 3 months. 7 yrs before. Ague 11 days before in followed by heat & sweat. Each day an attack. 25th 1st & long frequent parox of ague & sweat. 1-6 Feb same. same in large doses. 7.8.89 same progress, 12th death
17	Lancereaux	Arch Gen 1873			Scars following ague. Aortic valves most frequently affected
18					
19					
20	Worslow	BM J.	7	35	Never R. S. in the past 14 mos. 2 mos. in Oct. had ague (adm Nov 12th) in Westmore or Lancashire. 2nd six weeks; after intermission of 2-3 weeks they returned in 2nd week of Dec. and cut. null. Dec 23rd well for 2 days & then after going into cold bed. recurred & persisted ever since. During the last 4 weeks the parox had recurred every 12 hours regularly. From 12-15th fine distinct shills - severe hours duration; cold hot & sweating stages. T. 105° Next 3 1/2 days rec. paroxysms. Nov 19 T low. On 19th em. sub for salicyl. null 20th. T. remarkable var. smelt. low no rigor & sweats. feet cold. Next 5 days beyond former report. 10 attacks. Went to March 1st

note remarkable ague cases

acute organic brain disease the sigmoid & is intact. In the  
other two at point of contact, a sort of semi-permanent abscess below down  
to infants. remarkable

Kidneys - few old inf.

Spleen - none recent

Heart & lungs two military embolic abs

Val. healthy except mitral. Grow  $3/4$  in net.  $1/2$  H. H.

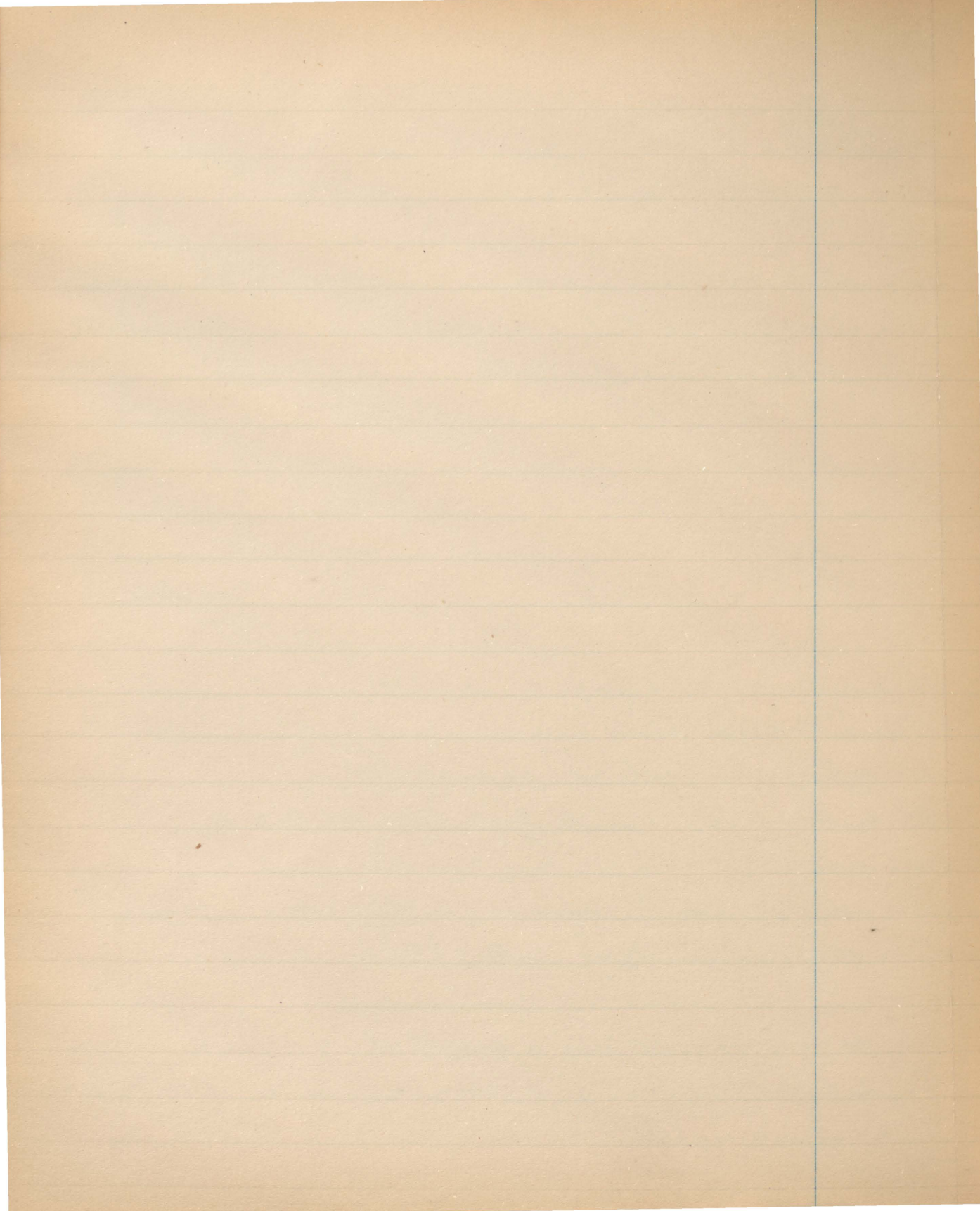
soft. Gram negative.

Had noted a mitral mur. but history of acute & clear

Then the persistent signs looked to the uterus as source of  
inf.

Then the card. dise. rec'd. a drag of albumin made

Suggests that it was due to an attack of forgotten strep. to peric.  
or in connection with syphilis





Arteries & purpurae <sup>3542</sup>  
1051  
And Gen 1861 p 575

131 SOUTH 15<sup>TH</sup> STREET.

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June 1862

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de l'endocardite hémorrhagique

Pitman

28 Garden Sq London

Sail Feb. 10th.

Oster.



Cases with Rheumatic history

		sex	age		
1	Eberth	V. A. L. X. 1857	F.	25	8 years before Rheum. med at times Rhe pains. Sudden Rt hemiplegia April 22. death 27th.
2	Raeber	V. A. L. X. 11. 1866	F	28	Two months before normal parturition. Illness began 4 weeks before admission with fever joint pain etc. Ad. 18th Feb. Dysph. drooping Anvrous. M. H. Rigors. Soporose. death on 28th
3	Klets	A. J. Exp. Path. 9.	F	32	Rheum attacks. 3 w. before swelling of joint. 6 mo pregnant. embol. & rigor. 24th Oct adm. 2nd now absent. joints affected. Nov 7th death.
4	"	" "	F	34	Rhe fever. 3 weeks before adm. 10 weeks before 7th confinement. First attack of R. adm. Feb 12th. 17th death.
5	Taylor	Path. Repts 34	M	20	R. at 15. old scl. dis. fungating vegetat. in aortic and. vent. flops of mitral. Infar. B-
6	Bozant.	Path. Repts 28.	M	29	R. f. 3 times. Anvrous of some feverish. old & recent vegetations - Instance of Anvrous f- 11
7	"	" "	M	33	Subj. + R. paries. Embol. of popliteal artery. attempt
8	Goodhart	" " 33	M	23	R. at 7. attack like typhoid, died in 4 days
9	"	" "	F	30	3 attacks of subacute R. Embol. R. Mc. artery. T. after 104

Embod of left mid cerebral. & v. hyper.

Micrococci in colonies.

M. v. thick & short. old Siles. changes. fresh

endocard. Two chordae free & in the deposits

Aortic seg of mitral. large ut. vegetat & chapel of smaller  
ones. a few in aorticul face higher up. a few in  
chordae of post pap muscle. Embolic abscess  
in muscle cut of H. ~~off~~ in spleen. none in kid.

Rosters remains good  
Holds the val. product a  
all ends. of micrococci organ

Mitral. recent vegetation

Post seg a perfor aeneus. One seg of aortic affected.

On ant. seg of mitral large mass. no old v. disease  
a few on lower line of posterior. Ch. tend of post pap. torn  
Red. infarct. not inf., 3 days before death. great increase in  
thick actin. due probably to rupt of the dry chordae.

Remains in the  
aorticul face  
& perforation

Ac. cure by compress. after 5-6 day fever goes 105°. H. 1803. Old Silesitic  
change & recent endocarditis. Also case in which a cure produced (fractured)

old val. des. aort & mitral. recent  
regeneration in both. Infarct

Mitral stenosis. recent vegetation. Infarct in spleen supports  
thickened aortic valves

# Rheumatic cases

Goodhard	Path Trans 33	M	15	Four years before. acute R. All 3 months. Short breath emic. admitted with adv. mitral disease. T. 102° 100°
" "	" "	M	26	Ac Rher 8 years before. Nov 8th pain in muscles spec Mitral murmur Fe 15th + 16 T. 104° dead
Goodhart	" " xxviii	M	18	Had R of m 73. adm. Sept 13 '78. Gen dropsy Sg. Mu. Spl embol. embol of radial white of 9. was curuly p. wound deler. 199° 6
" "	" "	M	34	R. uric last time 18 mos ago. some drop. path cerebral embolism. P. 80. T normal. Turkey of Cerebral case caused death
" "	" "	M	19.	R. a year before. cerebral embolism T. not noted. dead delerium
" "	" "	M	30	In 72 a pat. with H dis. had had 9 an & the at time of the ankles. Her ante. not well dev sudden in p.m. Ance dev. cured by dry compress. & kept up. kept all & while with had & pt & dev
Legg.	Path Trans xxviii	M	22	Ad. 21 day with 4th all of R. all 5 weeks. Doubt M. p 90. T 103° + 100° died with Cer. of
Church	" "	M	19 7 40	Ad. with about seen R of left knee, then sup seen more like pyaemia
Austie	" "	M	19 30	Ac R. & card pu y. before. Rigors 3 days prior to mt. Pneum of others. Psychical equal f.

Mitral thickening & stenosis vegetation & ul of chord tend.  
No special symptoms of ul. endocard. Doubt aortic

Old mitral thickening, recent vegetation  
in aortic, Suppurative meningitis.

Spleen large soft.

central soft. H. 20 yrs. Stomatitis. veg on mitral.

one on each lung. Part of the free flap was ulcerative. Cent. aortic valve  
RT aortic aortic flat. free lymph in it. No supp. infar.

H. 16 yrs. Mitral valve thickened one chordal tendon

ulcer thro. Aortic wall surrounded by recent lymph.

an. on central aortic. H. 20 yrs. Aortic valves adherent

edges thick. lung pt. veg. no ulceration. no infarcts

Central aortic. H. 10 yrs. Mitral much disease

edge ulcerated large mass of vegetat

Pneumonia

cent. soft. Aortic flap of mitral large aortic  
with vegetation a few on the small  
flap also.

Cusps of pul valves almost destroyed ragged thinned.

No fibrin deposits in lung or mitral.

Pnem of Rt lung. Mitral & aortic thickening old dis. Small abscess  
between the layers of one reg of aortic no secondary abscess.

# Rheumatic cases

<sup>19</sup> Ransomat	B.S. Soc. Aust. 81		26	R. at 18. On 12th Feb. ill with headache, fever &c. So until Mar 14 when came to Hosp. Int. headache. Very typhoid look. diarrhoea. Mummery, 23 & hemiplegia T 39 + 40° D. aparts
<sup>20</sup> Huschman	B. Soc Aust 83	F	22	R. fever at 16 & palp. sine. In Nov 1882 had red. rigor. fever & headache with cardiac pain in Hosp. 15 days & got better. History of typhoid like condition for several weeks, admitted with bed sores hemiplegia. Mummery act of heart. vomit diarrhoea.
<sup>21</sup> Slaviter	B.S. Soc. Aust 80	F.	23	R. affect of pulse - not very def. never before, fever pain typhoid state ad. Sept-3rd T 40°. Mummery Rigor. ind. diagnosed. No diarrhoea seen
<sup>22</sup> Dichterlein	" " '80	m	22	R. a few days before admission. Had no fever ad. Oct 14. On 21st fever for rigor T 40° 24th T. 41°. rig and rigor 2. 38° Grande typhoid Mummery disappears & fever in the evening, 26th death sudden
23. Ogle.	Path Soc. 18	M	21	R. four months previous dry & cough, month before admiss. Hemiplegia
<sup>24</sup> Shillito	Path Soc. 18	m	21	R. of 10 yrs before. Ill for 3 months. chills likeague days of febrile excitement. chills very constant at the back 2-4 hrs. semi-variable. up until, month of his death Mummery.



H. 490 grams Old aortic, valvular, Hyp left vent  
Recent vegetat on mitral, old mit des as well.  
Infarct in Kid in uz supp. Spleen large purul abscess.  
Intestines red patches, cerebral softening.

Ulcer & veget on mitral flaps. In left aur at base of valve  
an ulcer-plaque 6 cent across  $\square$ , cov. with veg. Inf. not supp  
in spleen & kidneys. Soft of brain right side.

H. Mitral & aortic disease verrucose vegetation, no ulcers  
Infarcts simple in spleen & kidneys

Abscess in mitral valve ring, vegetations  
Small infar in Kid. None in spleen or uterus

Post curd of mitral, perforated vegetations, with  
vegetat. Inf in one kidney

H. 187g slight pericard. Aortic valves ulcerated Post 2  
left valves broken down. At base of aortic ring, a perforation into the  
left aur.

Rheumatic cases.

25	Coleman	B. Soc. Au. 70	F	29	acute Rh. uncontrol vomits, profuse sweat. Mucous, delir. 2nd Jan. Still at this Jan 10th fever, bright pink papules in spots in reg of deltoids, purpura in spots. Swollen Good case of rheum ends. passing to bad form.
26	Copland	M T & Gaz 82.1	M	4	Rheum. after cold. not severe. <sup>only hair, empty.</sup> Rigor. Marked tubercle py red Good heart. Mucous
27	" "	" "	F	48	R. 11 years before. <sup>not sure.</sup> Rigor pyresia. adm 7th 24 death April 15th
28	Carles	M T & G. 82.1	M	16	Ad. with attack of ac Rh. Good h. bef. Day after pleurisy Rt. 2 deep ulcer left side, typhoid state. After two weeks a mucous.
29	Copland	" "	F	22	R at 7/3/1. Sex 10. bef ad's pain in elbow. Then chills fever. adm May 21st. Chills T. 105° to 97° H.
30	Turner	Bud Soc Anat	M	42	R. at 10 x 20 5 months before pneumonia. Embol of legs. Embol of arm. Hz of heart. into vegetal in ventrals & aortic valve. Embolic fever & not suppur
31	Cambet	" " " 72	M	23	On rug side with swollen foot probably rheum. trans to med side 27th Jan. fever. Urine procyptotic 27th Feb death

H. Small. Aortic valves vegetative. calcified in place  
ulcer formation. Mit thickened. Seen in spleen no purpura  
infarcts

Sclerosis of aortic valves. vegetative in mit. secondary  
annular endocard. 2 aortic seg fused together  
infarcts. not sup. in spleen & kidney. } reg calc  
Hyp & cor in  
they calcify  
Mitral valves not vegetative. Infarcts - no sup  
reg in left auricle. Old mit thickening  
Spleen large & soft

Ulceration & perfor of Tricuspid alone. other Valv normal  
dent pleur. infarcts, pyelitis in lungs & kidney. Sp large

H. not hyp. Mit & normal. Rt aortic cusp of aortic val  
cov with large regt. Anem behind the cusp on vent. surface  
below the cusp. passed part of anem with aorta  
no infarcts. nephritis

Hyp heart. Ulcer of one sigmoid valve. large ulcer sup. below  
vent. wall perforation at the spleen at this point. Anem of  
one sigmoid & of anem with the vent. no infarct

32	Leouville	B. S. Acad. 73	7	26	Rh. came in for. Hk. aff. deoed. in Hospital no urine. but <sup>infe. small</sup> redness des bruits des coeurs. album. uracium. pleurisy. T. 37. nothing.
33	Ashtz	M. T. 9. 1881	m	6.	Rogon before. Not urine. Hk. pent. <sup>Aug. 1st.</sup> Febrile 101°-103° Sept. 1st. Went the inf. vom. sanguis heller. T. still 101°-103° in Evs. Pain over heart. Oct 5. T. still intermits now with death
34	Ashtz	" " "	7.	9	Cough 3 years. 3 weeks ago more trouble. same. Pain over heart & feet well Adm. Jan 27. Temp 100°-102°. Aug 25 - still interm T. Paralysis of right side. cannot walk on 17th Oct Cause of medd. central art. left.
35	Caley	Lancet 84 1.	m	26	R. at 17 well in 24th Feb. next day cough & cold slept bad rest night & day after delirious vomiting. epistaxis. When admitted petech. uprd. spot in dec. pustules in <sup>molting red mark on skin</sup> Spleen only marked disease. T 104°. Fatal term 6 days from onset.
36	Hunt.	Lancet 83 11	7	21.	S. 7 when young. Rh. before onset. Admitted Nov 28. died Dec 26. T. ° high. head he vomiting
36	"	"	m	30	<sup>Admitted Jan 23</sup> A 7. 15-4. before <sup>Sign</sup> for mottles of Ch. Mark then ad. case. T. 105°. del. describe. Death March 7.

canary sw. Polypoid veg on mitral. Endoc. in ulcers  
3 inf in spleen.

L.V. hyp. Mit V. veg thick & shagreened with vegetat.  
more  $\frac{1}{4}$ " long. veg in aortic valves. Inf in spleen.

L.V. hyp. Ext mitral endocarditis. Many legs. of the  
valve normal. End of left wall granule  
No inf in spleen or kidneys.

It is remarkable that these vegs in pos. unlesioned between the ul & some  
cases

Hæmorrhages many infants Kidneys. lungs. Mitral & aortic  
disease.

Dr Green <sup>quite</sup> referred to the chronic course of some cases. He lasted 26 months  
Another for 18 mos had prob to have irregular fever.

Dr Sarsum referred to a case in which there was no elev of i throughout  
apex Pneumonia & ulcer endocarditis & Myxomatous disease

Large white Kidneys clot in pericard. Mitral val. ext veg. Auricle  
aortic v. also above them ext ulceration & perforation of aorta

Rheum cases

<sup>37</sup>  
Carrington  
Linnæus

Lancet 1883.1.

Boy 22. Scarlet fever & when 14 Rheum  
On 13th diarrhoea. On 14th admitted.  
T 105°. dull semi curva.  
Death on 21st

<sup>38</sup>  
Linnæus

Gaz Med Paris 1865 M

22. Admitted Dec 1st with Rheumatism  
Had Lead cover all day  
Typhoid group. Death 21st

<sup>39</sup>  
Carrington

Lancet 84.11 M

23. Adm 25th with R. Ill for 3 mos  
Mur. Urine alb & bloody. T 100 105°

<sup>40</sup>  
Carles

Lancet 82.1 M

16. Admitted Jan 30. R acute. Healthy before.  
On 3rd day pleury. & sank into typhoid state  
Died 5 days after curva & death

<sup>41</sup>  
Kirkes

BM J. 1863.11 M

18. Adm. Oct 15. 62. with ac Rheu. Anx & dep.  
Died 18. Had 2 yrs of Rh. attack  
began 1 day before admission. Diarrhoea  
18. B. relaxed. 20. Got profuse diarrhoea  
parotid affected on both sides. Face rash & a  
Red on hands. Like an irritated person.  
Impeded. On Nov 3rd became profuse on strike  
Pyæmia exists. Abs in parotid. Died on 7th.

42

Lancet

Gaz Medicale 1862 M

38. Rheu. R. Signs. a. full body not in bed.  
dyspnea

H. 26 yrs. Nut contraction. Left aur. patch of ulcerat  
one in mitral also, ulcer between aortic cusps.

Inf in spleen & kidneys.

Aneurysm of one sigmoid valve. Curv c. left auricle  
hominfer 8-

1. Mammilla . 1. fusion.

Ext ul aff mitral sup of segment. Sloughing inf in spleen

Inf in kidneys. False aneurysm of splenic artery

Gastric ulcer - possible embolic

Perf ulcer of tricuspid. Melas also in lung. Inf in Kid & spleen  
Other valves healthy

Prav. reg in mitral & aortic - few in tricuspid, tissue little  
an ulcerous. Inf in spleen. embol of man

reg in aortic & mitral. Small abscesses a vent below the  
sigmoid valves. No infarcts

43	Frenches	India Lancans	Ma	20	Had had malarial fever before. Admitted Nov 13th with sy. of Rh. On 20th fever & swelling had disappeared. 22nd rigor violent, event, 30th another. 8-10 rigors pains great over spleen. 20th delirium 29th death
44	Leyden	Arche Bd IV. Pannoban	Ma	22	Clap - in 79. followed by Rh. probably gonorrhea Got well. On March 13th so. m. well. 15th rigor, so on 16th. Heat & event follow the rigors & about daily rigors Mummus. April 17th death.
45	Leyden	" "	Ma	22	Had hot fever. 4 or 5 yrs before - after was Rh. which lasted many <sup>well many</sup> mos For 3 weeks before admission pains in head & fever, rigors Adm Oct 6th. Heat mummus, denture. Rigors daily or twice daily. Embol of brain delirium. event. Death Nov. admitted Feb. Rh. large joints for 3 weeks, then in one shoulder. after subsidence of symptoms no improvement. Rigors perpetuation <u>parotitis</u> , ul <sup>4 mos before admt Rh.</sup>
46	Burns	divided by kellos 15 1/2 inches	F	7	admitted Feb. Rh. large joints for 3 weeks, then in one shoulder. after subsidence of symptoms no improvement. Rigors perpetuation <u>parotitis</u> , ul <sup>4 mos before admt Rh.</sup>
47	Magill	B M G	1884	Ma 20	On July 5 <sup>th</sup> died night previous. m. t. val disease. was then gone home Aug 5th but on 3rd sudden attack of Rh. T 103° Large joints swollen. 4th T 100° 5th T 101. 9th pain about the heart. 6th joints better. 10 PM T 102. He became <u>suddenly</u> delirious & then in a couple of hours rational again. 7th 2nd of pericard. T 100. 9th T 101. 10th jaundice & violent diarrhoea 20 lines in urine on a little blood. T 100. 9. 102° 11th diarrhoea again at 2 PM total del. 6 PM T 103



W. & reg. in old mitral & aortic valves.  
Inf in spleen. Echy in intestines

Alt valve normal. Reg. on poles of aortic valve and  
in the right. yellowish white. Inf in spleen

H. hyp. Old aortic val disease. Fresh regl in aortic cusps  
excess<sup>ed</sup> in aortic. wh a little thickened. Inf in spleen & lungs  
Numerous in kidney. Many nerves in cap of kidney without any  
reactive changes in neighborhood; none in the infarct itself

Marked disease of aortic valves; the cusp almost destroyed

Recent lymph meningitis<sup>is</sup> in cortex. no emboli. Pericarditis  
One sig mit. old & thick. On each avr sig. a glob regl. in mid sig of pulmonary  
Other valves normal. Liver large & soft. normal. Stomach intensely inflamed  
surface all of curve. early thick almost gang. no ulcer. Lymph of small vessels  
foci of the same. no ul. pyren. patches  
no resemblance to pyaemia

48 mills.	B M J 68.	7	25	Had R in 51. Sympt of chr. val disease Adm. Jan 1st. On 31st Rt hemip. 2nd March 1st. <u>No rigors</u>
49 Schultz	W. Med Res 1885	7	21	R. ill. 3 or 4 weeks rigors marked. <u>jaundice</u> slightly present.
50 Gutler	Gas med. 62	7	28	after slight R. palpitated. Tend left hemiplegy Rigors repeated. Intense <u>jaundice</u>
Brelows.	B M J. 80.1	7	26	Adm. Nov 25th. R. fever in 78. left he short of breath. all well till about 9 weeks ago when all about R. very pain & in bed on & off ever since. no rigors. Eff in 100's. Syst mur. Dec 3rd faint sub. 5th alt in ur. On 15th pain in knees again weather & deaf. prof prof 18th rt hemip. 20th T 102° petechiae in trunk dunry & apathetic. Fit on Jan 7th & death T 98-99 & 101-102°. T of death 98. 17
52	"	7	12	Adm April 8th 79. Five yrs ago acc R. no dy until 3 mos ago. R. sz fr 2 or 3 weeks before admission faint syst mur. by 10th. R sz gen 1st T. began + 102° in eve. No rigors hr breath. Cough expect of blood. On June 10 sple sal. & pain July 14th paralyzed. Death in 18th.

Nutrit. affect. Liver. minute points of pus  
Spleen purulent infarcts. Red infar. not capped

Ulc. antec. and nutrit. segments. areas of antec.  
No infarcts. Meningitis<sup>3</sup>

Meningitis 3

Nutrit. peck ulcer subarachnoiditis

He. Hyp. 12/03. Nut affect. vizal areas  
& spl.

Inf in spleen & Kidneys. Haemorrh. in brain  
organ unclear

It. affect. Val heavily ex nutrit. purulent  
studded with ~~pus~~ range soft purple vesicle  
In left ear also. Spleen infarct. Red also  
Brain. Central of left left.

53  
Ross

(Mid Speed.

7

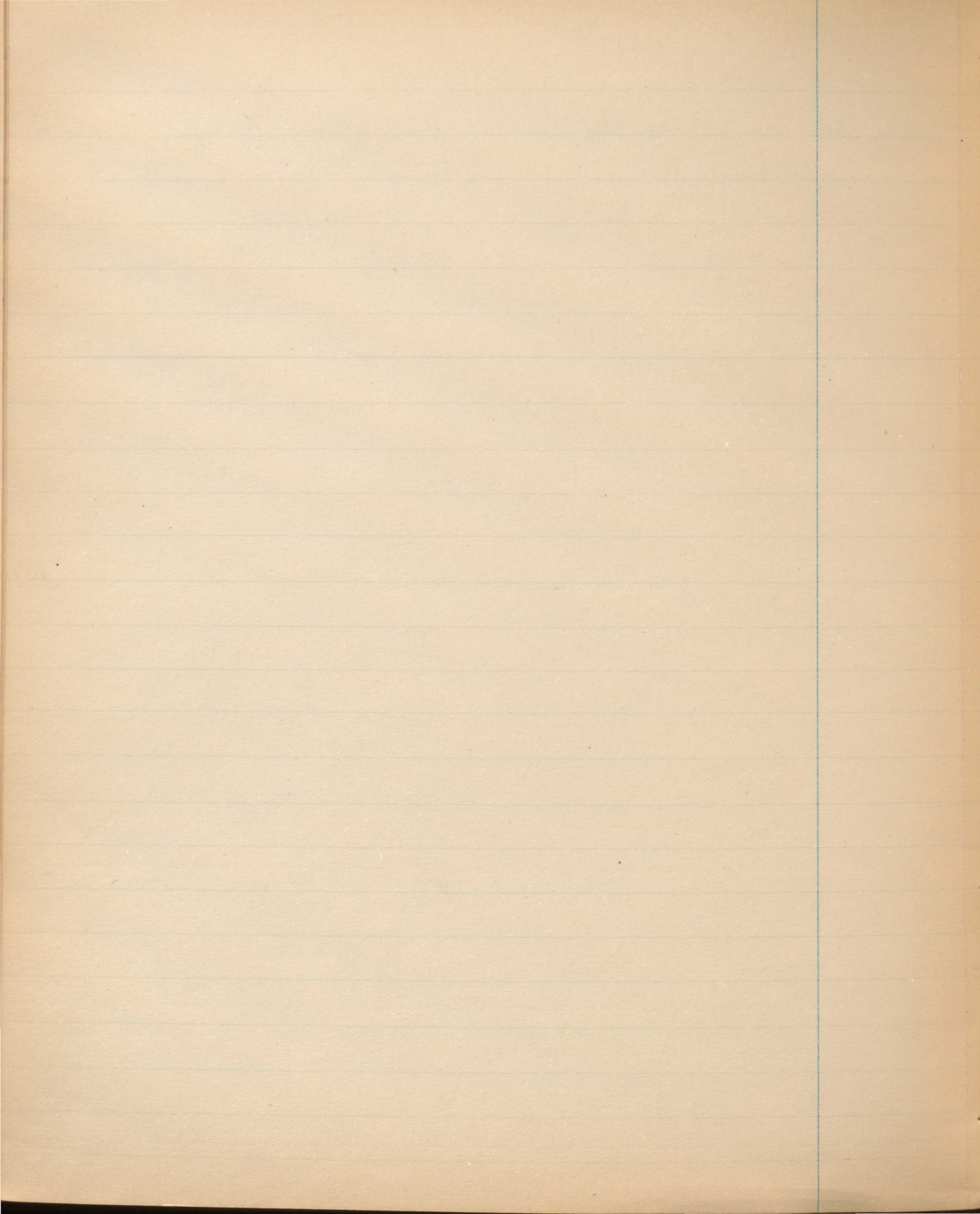
22

acule R-us a antles

.. ..

.....  
.. .. ..  
m 58

Large ortho near away. Deep excavations at base of this. No inf.  
except in basin





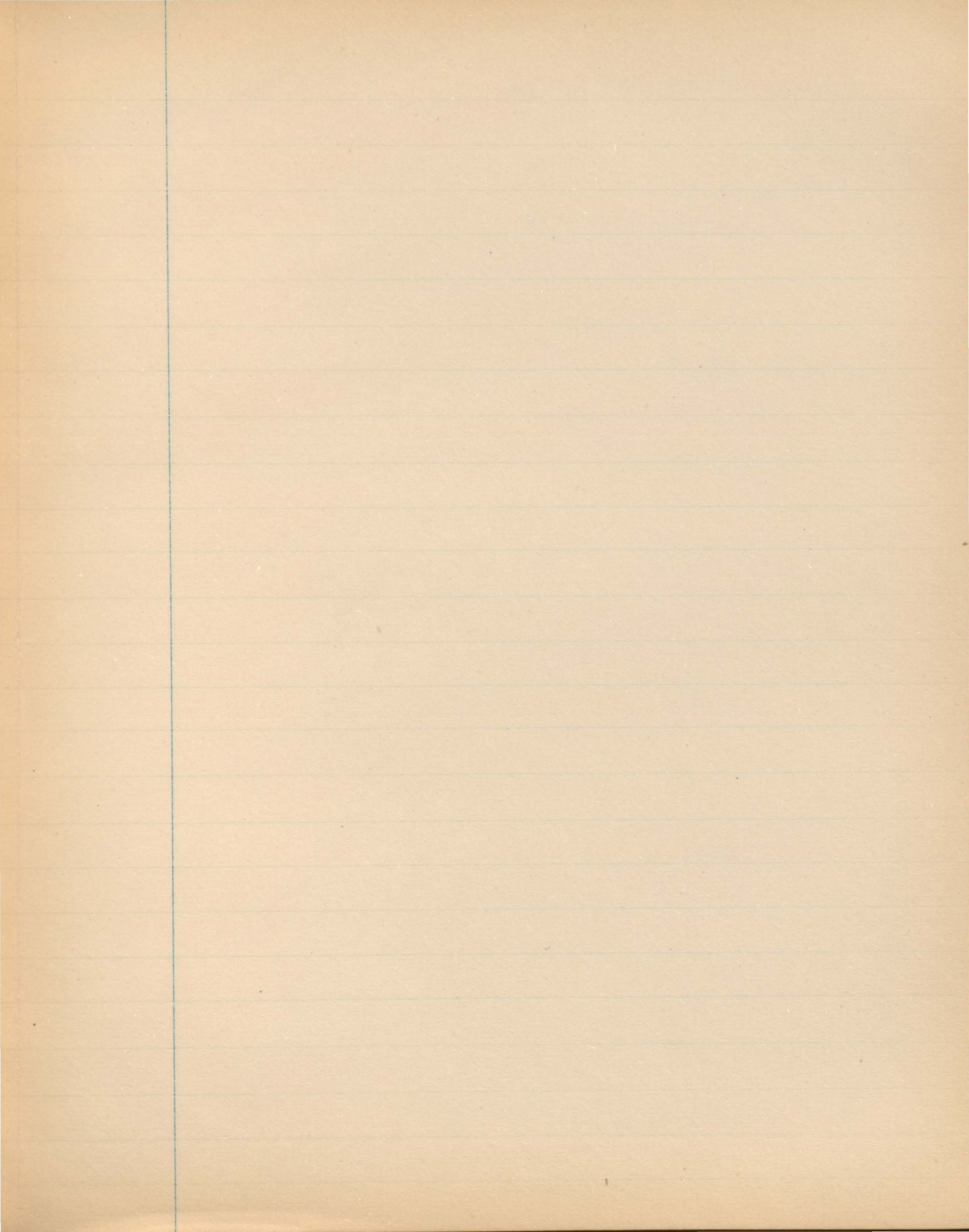
Primary - without Rheum fever history Injya

		Sex	age	
Eberlt	V.A. LVII, 28	M.		On 25 evening rigor. Prev. good health. Phy found human mansonii. T. 41. Seemed like a Typhus & mansonii, On 27th. T. 40. Hope when he died at 5 P.M. T. 42.4









# Pneumonia cases

Author.	Reference	Sex.	age	Age.	Heart.
Virchow.	Ges. Abhandl. 1. 711	F.	27		Mitral valves. aortic seg. vegetation. small aneurism. . . . . Valves seal of old sclerobothromy. V. calls the fresh Endoc. probably stem. tho no mention occurs in the history of any other attacks
Traube.	Ges. abh. III. 422	M.	65		L. V. hyper. Mit. V. old scler. Endo. Mitral segm an aneurism. & fresh ulcer Endocard.
					T. remark, that he had several times seen ut. End in course of Pneum.
Traube	" " III. 270	M.			Endocarditis of aortic valve.
Mayer	V. G. LXII, 145	M.	39		ad. Sept 29. rigor fever. pain in side. Two or 3 attack before Pneumonia. Began 2 or 3 weeks before his admission. Pain in side. rigor. seemed part. On right side behind ribs. Temp 40.8. death on Oct 3rd.
Hilten	Ch. Annual 3	F.	20		aple in rig in costum seen under rigors
Klebs	Arch. f. Exp. Path IX	F.	14		Double Pneumonia in Typhoid. . Deposits in the aortic valves. . Rigors.
Klebs	" " p. 88	F.	19		Pneumonia dext. . Stenosis of mit.
"	" "	M.	34		Pneumonia dext. . Vermic endocard
"	" "	M.	16		Pneumonia sin. . During mit & aort
"	" "	M.	30		Pneumonia dextre . Ch Endo & stem
"	" " 91	F.	68		Pneum ch. sin

Lungs

Brain & c

Etiological Conditions & c

Red hepatitis of  
right lower lobe.

Embolism of small vessels  
Kidneys  
of heart spleen lungs & eye  
no purulent thrombi in uter vein

Delivered <sup>14 Dec.</sup> normal, got up 8th

day, went about work few days after  
heavy chill, heart normal. One rigor  
a few days after del. Death Jan 10th  
Red mening. cast fr - short time in life  
4 days before death.

Red & grey hepat.  
both lower lobes

meningitis purulent convex.,  
chiefly

Pneumonia, & after 8th day  
signs of endocard. murmur.

Duration 15-16 days.

-Pneumonia

Pneumonia in a double.

Three rigors on 5, 6, & 7 day.

Pneumonia of rt base, lobular - approx 5mm

Remarks good.

Heart many echymoses. Aortic valve, left &

part perforated where they unite & behind a  
deep perforation reaching to left auricle. Abs in  
old the kidneys in valves of slight grade.

H Kidney. Extran in pin mater

Hepat of rt lung seen

Deep on aortic valves, with micrococci  
subtle abs in kidneys

Typhoid & lobular Pneum.

Aneurysm nec of nutrient, char infra the

Mixed ballen

nutrient

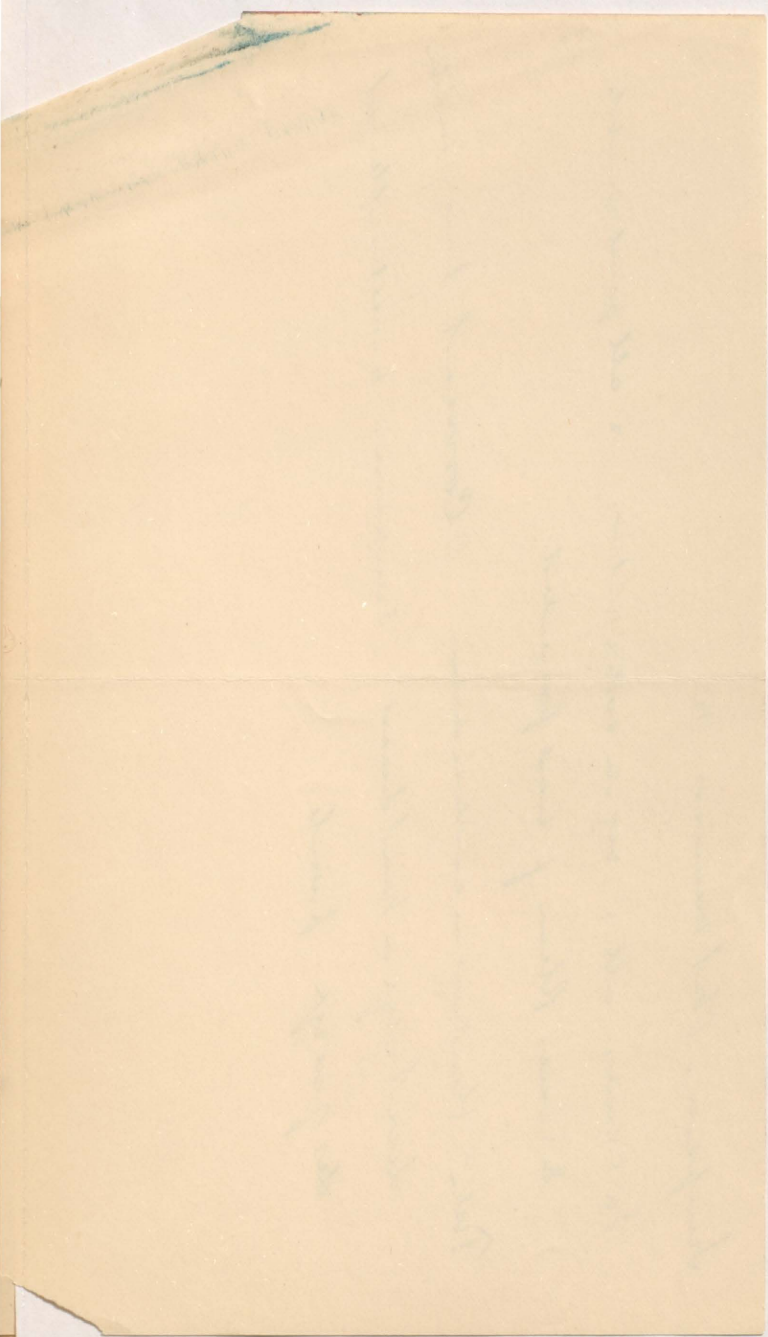
recent endocard.

sub & aortic acute endocard.

Purulent meningitis recent ends val aorta

Pneumoniae cases

12	Klebs	Arch. f. Sm. P. 1892	7	25	<i>Pneumonia sui.</i> Maternal endocard.
13	McKenzie S	Path Trans 33	9m	55	Never Rheum. adu march 19th. Beg Nor-pain in chest & c. head & h. rigors. Cough mild & was coughed fresh cold & then in bed 7 weeks. It said with fluency, rigors. Died suddenly
13	Crompton	Path Trans 27	9m	40	no R. Five weeks before adu pain in precord. chest breath no h. of T. or rigors. dyspnea
14	Tuckwell	Path Trans 20	9m	46	ad. 2 mont. 7 days before rigors pain in teeth & vomit pain in side cough bloody esp. crusty & boxy resonance. urine alb. T. 102°. 25 urine dry tongue & death in 26th
15	Auster.	see case	18		of Rheumatic series
14	Gallois	B. Anat. Soc. 83	7.	44	Rheum at 14 Pneumonia but signs of heart failure in a dem of coughs & palpitations. Pneumonia. eryth. & death.
17	Fagg	Path Trans 17	9m	15	ad. 20th with sig of pyemia. joint swollen & pain ind of chest trouble. death



Simpson. Obst Memoirs II.

In 5 cases. all 5 reg in aortic valves. 2 all proved emboli

In 3 cases Rheum of last preceded.

Tests. Murmurs in cardiac disease. D. Corrigan. Case of sudden  
death of 1/2 yr in heart disease. Simpson. 6 weeks after del.  
des of me eye: pupule.



Heart acute septitis

Heart int pericard. perforation  
of vent. Perfor at apex. hole narrow by lymph.  
fibrous thickening of endoec about.

Remarkable case

Subular hepat lower part of rt lung upper lobe  
int. mitral cusp aneurism of val & large vegetation  
aortic segment warty vegetation. Inf in spleen not large

Hyp heart. One cusp des of val. other 2. thickened  
Rt lung pleuritic lymph deep any no positive  
curiolid.

Rt lung large pneumonia

Heart regaled in mitral & aortic part of left auricle.

Old ind. of aortic val. & also of mitral. Micrococci  
no infarct.

Lesch also before left knee. Pneumonia of both lungs

acute pericarditis left auricle just above mit valve

large mass of lymph. wh nearly closed mit injec

no embolic masses -

Pneumonia

Decker <sup>18</sup> R	Path Trans 17	M.	40	Ad. 17th in state of prostration. Cough shivery 3 or 4 days. Restless delirium. Knees & wrist swollen & seat of pain.
Minchin <sup>19</sup>	Path Trans 17	F	18.	ad. dead f. Hospital ill a week. . . . & moaning. P 140 Fever. Death same even
Ogle <sup>20</sup>	" " 1X	M	24	ad. with Gonorrhoea in jaw sent under treatment scarlet rash then sy. of pneumonia & then Erysipelas pericard. No R.
Ogle <sup>21</sup>	5 Path Tr 1X	M		No R. Pneumonia. Cough deep anasarca Evident ad val deum
" <sup>22</sup>	" " ...	<del>M</del>	57	No R. Cough deep anasarca palpitation.
" <sup>23</sup>	" " ...	F		No History. Hard dimpled admitted dy. anasarca
Ogle <sup>24</sup>	15 Path Soc. 1X	M	35	No R. dy & signs of mort cord for 2 years
Conly <sup>25</sup>	B. Soc. Quat 76	M	24	N.R. Sent H. with Pneumonia <sup>15-16 Feb</sup> dropt. Mur at base. On 19th Fev subeided. & appet re but the Mur persisted and remained fully good until Feb 6. when Fev returned and became severe ill. No 10th sube of hot fevered. T 38.2°C. 16th delirium T 40° death. Dry gang of leg.

Camp hepatic of R. lung. 7 cuspid. ext. vegetate & persona  
of one valve. While per looking ~~exactly~~ by of valve

? Pken  
white

Right eye suppur. behind vision. Meningitis at base.

Meningitis base & sides. Hepatic lower half of lower lobe left lung

lobul on right, Aortic v. thick & rough. Mitral stenosis. Endoc.

Recent in base of post flap. <sup>left & almost subcutaneous</sup> no sup. infarct-

ulcer (see penic.) in vent wall below aortic valve, project

leftward. by in all valves - Pneumonia left lung, small

also. sup in spleen softening

One flap much ul. of aortic seg. Recent regl in mitral

Hepaticized lung

one flap aortic ulcerated all thickened. Mitral also

He. by a dil. being hepaticized - disment. of spleen

Mitral stem ulceration of edge.

Hepat. glang. by a dil heart

Hepaticized of lung & pleurisy by. Hyp & dil. heart.

Aortic valves thickened, recent ulcerations

No infarcts. Remains of Pneum at base.

Aortic valves. vegetations large in one valve. no

dist ulceration. Small purulent abscess at base

of the affected sigmoid. Embol of cl. a. He does not regard it as a cure

ful. ends.

26	Dewles	B. Sanct 74	M	44	18 April rigor. Rev R. or Syph. H normal Del. sweat. headache. 2 P.M. death
27	Hinolle	" " 73	M	5	admitted with 24 little Typhoid. Then Centro-spiral. & endocard. & pulmonary lived for 12th + 17th
28	Curnow	Sanct 831	M	59	Ague when 9. In Hosp and fine with Pneum. H not noticed then. On Aug 4th ill with shivering. Mount and at case T. 102° Death on 14th Diarhoe and High Temp.
29	Gulliver	St Tho R. X11	M.		ad. July 2nd. Ill health for a year. Both 14 d. before adms. Rigor vomiting cough. no expect R.f. when 18 & 2nd 2 years ago. Apex pneumonia at lung. On 28th a rigor. Was tho the curable for Pneumonia. 30° Rgr & T 105° Systol murmurs
30	" "	" "	M	40	Well until eve of Aug 7th shiv. pain in side & stomach & cough. adm on 10th. Aug had good health. R.f. when young. P. 100 to 105 Signs of Pneum at st apex. On 15th T sank to normal one. Thought the curable. On 20th del. On 30th 105° and drowned.

Apex pneumonia Rt side Post aortic val perforated. No infarct.

Meningitis of cortex.

Hepatitis of lung. Super. meningitis brain & cord.

Pleuritis. Hy coar. aorta dilated. Only 2 aortic valves. 2 basal  
fused. Old scler endoc. Below sign valve annulus.  
leads into vent wall. Arch of aorta Val. aneurysmal

H. 15-03. Veg on aortic valves perforations. several of the aorta below  
coar. & perforation into aorta. Other normal.  
no old valve affection  
Some cong of lung

H. 14 yrs Large vegetat on aortic cusps accent. large masses  
on mitral cusps. Upper rt lobe solid. Infund

H. 17-03. Large vegetation on post cusp of aortic valve. Mitral normal  
Pneum of up lobe Rt. Kid of infarct

Refers to the condition of the Kidney - large white in several cases.  
Cause of all these organs def in one & the same person

31	Duguet & Haypin	C. R. Soc Med 1865	M	15	admitted April 4th - new R. New pelachia thought to be varola Pneumonia Death in 16th.
31a	Heschel. R	Sch Jahrb 1862	F	20	no history
32	"	" "	F	55	no history
33	"	" "	M	-	no his. Sore
34	Tuckwell	Path Soc. 20. p. 155			look up
35	Oruzji	Manzher Behi	F	20	Pneumonia
36	Bernhardt R	Jahrb Klin Med	M	53	admitted into Pne March 23rd. On 18th after pain in sides fever. on 4th day red spots on 26 app cross T. 36. On 30th March a after T. 39. 3rd ap. another. T normal for the time until death on 15th April Mantive endocarditis of pulmonary valve
37	Lehmann, Kandelbauer R.	V. Hirsch's			

Doubt pneumonia. Rudopenca 1.

Rebecca. Infant pneumonia in skin kidneys  
brain & lungs. Ul on mitral & aortic.

Purule suppl of rt lung, ulcer abradoc. 6 meningitis.

& aneurism of aortic valves. In rt auricle also

Supp emboli in brain

Rt lung. pneumonia in places. Meningitis

Aortic valves, reg & ulcer & extend thro to rt. auricle

~~As~~

Pneum both lobes, one also spot. Pericarditis

Aortic valves, aneur & ulcer. Meningitis

Hesdel says it's pneumonia in later stages. That depends to

ulcerative endocard mitral.

Pneum lower lobe of rt lung.

Ulcer endocard of middle seg of pulmonary

valve. Pus emboli in pul. arteries

no infarct

Pneumonia.

Pneumonia cases

38 Guise, Coll Phy. Phila 1855 | m | 30 | admitted Oct 2nd with Rheu  
Pneu & shudder, T 104°. Offended  
by 10th sy embedded but sweat profuse.  
21st recurrence of joint trouble, after 2 weeks  
20 and bed. Nov 1st. Pneumonia lower lobe  
At lung. Extent & acute near no joint symptoms  
19th recd of Pneumonia, return of joint trouble  
Death Dec 9th

39 Hallon B m J A 4.1 North Stafford - m. 4/15 m  
Shaved 3 teeth in case of ulcerat ends in which all had  
died <sup>with</sup> of Pneumonia some days before death  
Left eye disorganised in case. Write Dr Hallon

40 Peabody. Med Rec. 85. m. ad. April 20th No P. No Sy. Slight cough. No  
pain in chest. dyspnoea T 103. double mur. weak.  
No change in 1st week T. 101-104°. May 5th no chills. T.  
unchanged. Death May 25th. Some joint pains in course.

41 m. m. 40. Purpura

42 " 7. Admitted in case in 22nd. Death in 26th.

43 " m 43 Walker.



Rt & left. valves. tri & bi-cuspid. vegetation  
no distinct ulcerations, Infarcts in spleen & kidneys  
Purpura. Intestines normal.

Right vent. enormous veg. ant regales, Pneumonia Hg

Grey hepatic liver like of left. . Arterio kidneys.

Arterio valves. small in ventrals.

Menigitis . Lt on left corn. Pneumonia Right.

Pneumonia of base. Menigitis . Arterio - ventral

44				
Par.	-	m	38	Parasitis
45		7	19	Fractured legs
<del>46</del>		<del>m</del>	<del>29</del>	<del>Jaundice</del>
46		m	29	Jaundice. Ad bent disease by left base
47		m	63	Carbuncle.
48		m	40	Hutchinson.
49				Pneumonia.
50		m	50	Brought in unconscious. died in 18 hours
51		m	29	
52	Lancetians.	m	44	Ad 21st May with Pneumonia which began to improve. then grew delirious & adyan symptoms appeared. death in 3 days
53	Lancetians	m	52	Adm. No 3rd 75 with ordinary Pneumonia 5 days before rigor & dyspnoea, unless fever pain. 9th death
54	Pea well.			Case 12 of Pneumonia

Pneum Rt base, Paraded abscess, no old heart dis.

Ext. mitral veget. & ul.

Pneum Rt. upper & middle lobes. Menigitis

Mitral large vegetat.

Pneum left base. Old sclerous valves. Ulcer in aorta & in aorta

Pneumonia left lung, grey. Mitral valve diseas., suppur

Pneum lower lobe right lung. Menigitis, mit & aortic

endoc. ulcer, mitral, Aortic reg. bot. Old sclerous in aorta.

Left upper lobe Pneumonia. Fog hep. med of right lung

Menigitis<sup>13</sup>, old sclerous mit. recent aortic vegetat

Rt lung upper & middle lobes grey-red, old aortic

sclerous of valve. fresh vegetat - ulcerat aortic & mitral.

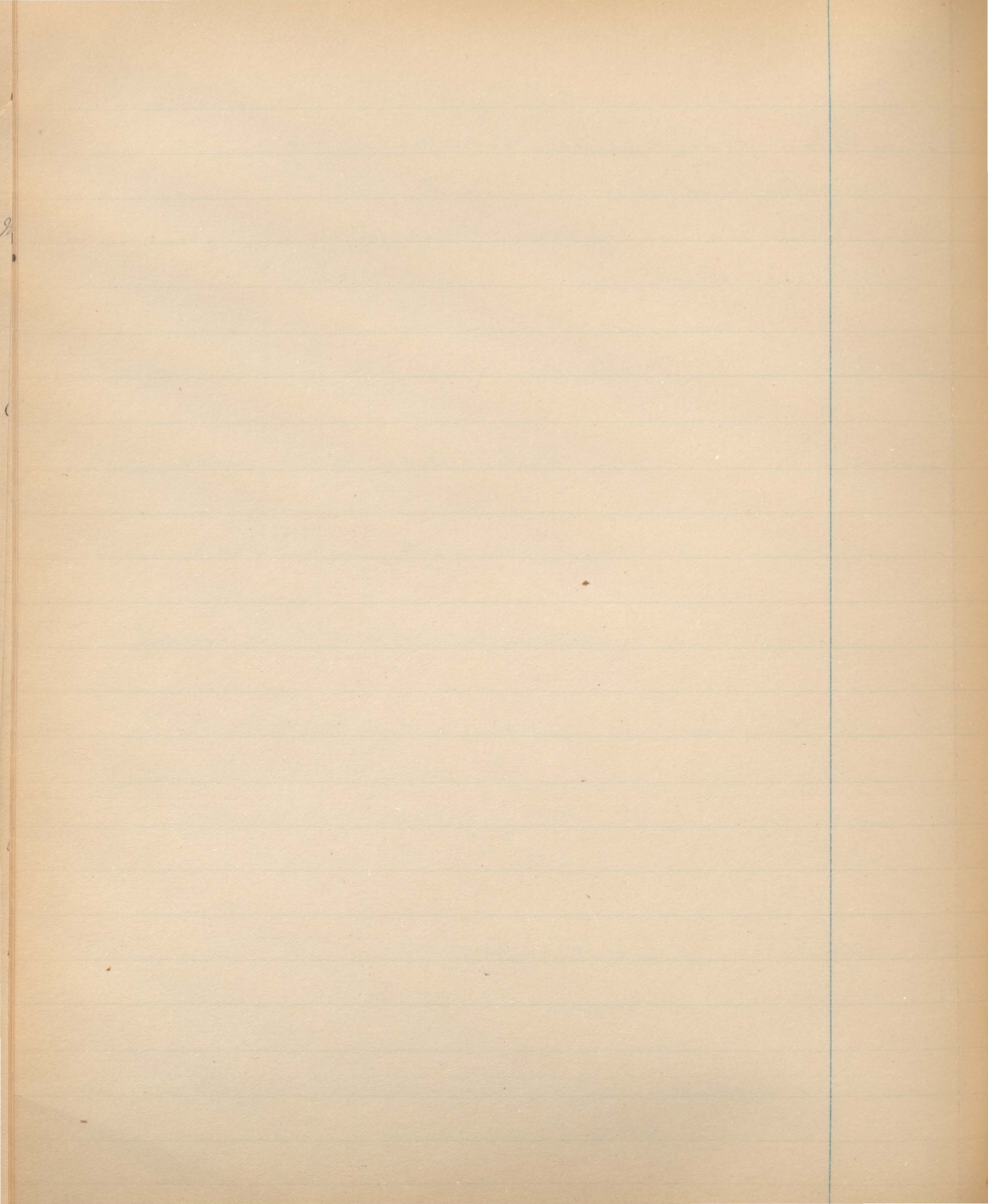
Rt lung infusd. Ul in aorta (& reg.) valves

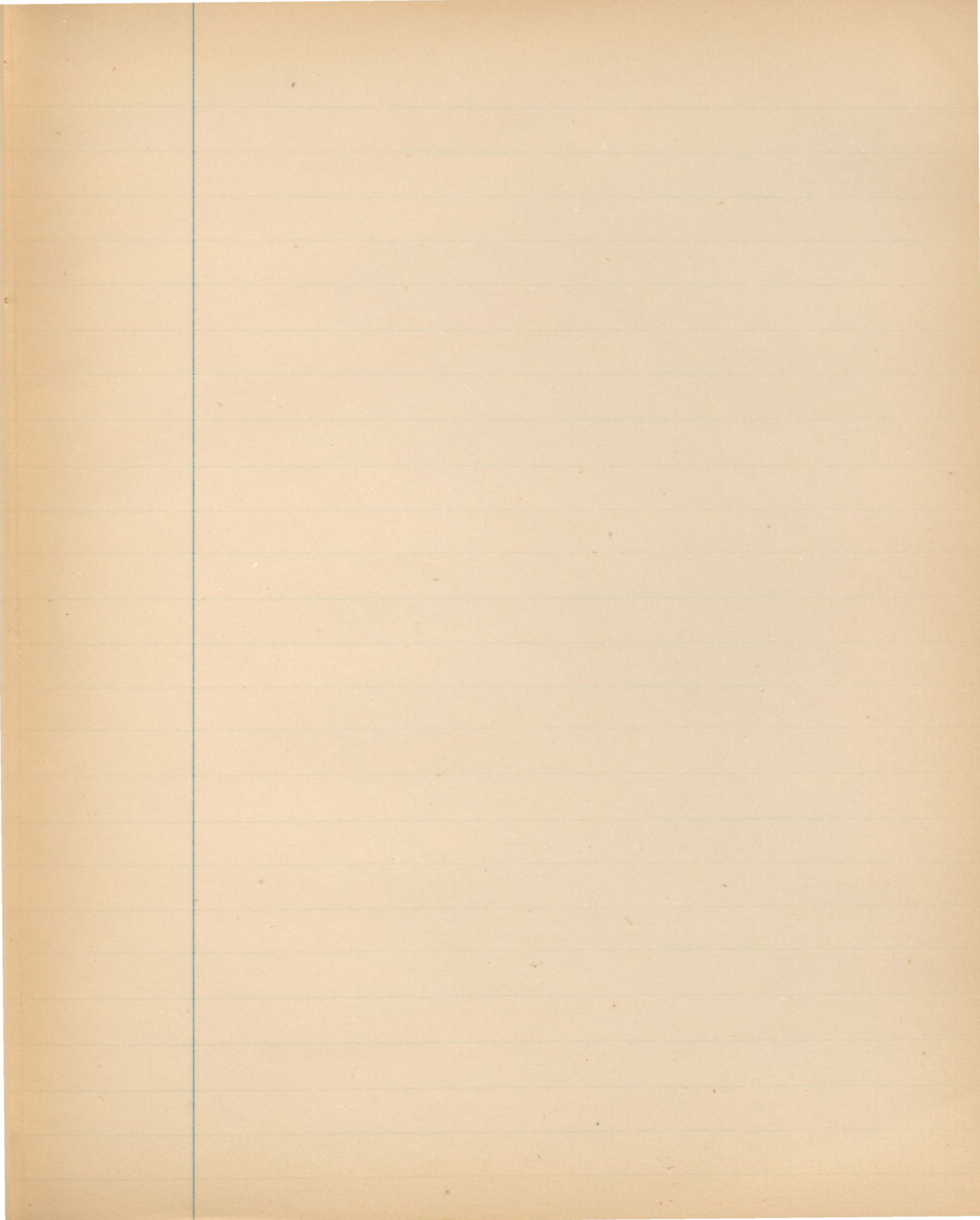
Menigitis<sup>14</sup>

Heap. white of lung. Mitral indurated; ~~Pneum.~~ Reg. mitral vegetat.

also val. thickened, had. mit abscess.

Menigitis<sup>15</sup>





# Puerperal Fever cases

Name	Reference	Sex	Age	
Heberg	V.A. LXI. 407		22	Delivered 18 <sup>th</sup> Sept., on 28 <sup>th</sup> rigor, again in days swelling of yellow shoulder right knee. Erysip. on right arm. Sero-purulent blebs in cutaneous. Delir.
<del>Wange</del>	<del>V.A. LXI. 407</del>		<del>44</del>	
2 Fleischhauer	V.A. LXII. 396		-	Puerperal fever - no history given
3 Eichorst R.	Char. Annal 2.		28	June 75 - del at 5 <sup>th</sup> mo. on 6 <sup>th</sup> day rigor, events which continued. on 3 <sup>rd</sup> day pain in knee. on 15 <sup>th</sup> to Hosp. Knee painful. Pus free. Death 5 <sup>th</sup> July. No mumm.
4 Litten	Ch. Annal 3		28	ad 5 <sup>th</sup> Dec. dead 12 about 5 <sup>th</sup> mo. neat deferv. Many cut have over whole surf. Erythelium as well. Many of the cut have white centres. Crina. have remnants -
5 Litten R	" " "		32	7 <sup>th</sup> June 76 died 12 <sup>th</sup> . Had had repeated Rheumatic attacks. Sero-purulent mumm 8 <sup>th</sup> rigor. sweat 10 <sup>th</sup> febrile over whole skin & compact & in Petunia. Aborted on the 12 <sup>th</sup> with great loss of blood 5 hours after death
6 Litten	" " "		35	17 <sup>th</sup> Dec died 19 <sup>th</sup> . 8 <sup>th</sup> month preg. Repeated Rheum attacks in Nov 50. pimple-like haem in ret 18 <sup>th</sup> aborted. death

Post mortem

Ulcer ends of mitral, aortic segment. peripulver. l.c.t.

Infarct & melas absces. in spleen

Kidneys Melovolymptholomon

Recent Krongakuliche chains  
of micro. like leptothrix. P.M.

was 50 hours after death. As leptothrix

chains in melachol absces

Mitral & aortic a reg. veg. with poly masses

abs. in lungs Embol in Kidneys. capillaries filled with micro.

tall base pulmonary segments affected

Microc in reg.

gray vegetation a loss of red

Pul valve

abs in spleen inf in lungs & left Kid

Diph endomet. old dis of mitral

fresh ul. reg. l. Double pleurisy

Retinal haem.

Bilateral abs in brain bowels Kid sple

Purulent perianth

may scaly in mucus & serous surface

Dis. of pulmonary valves ulcerat. one

Case during pregnancy

a large mass old aortic stenosis &

Retinal haem.

fresh ablagen. But abs in kidneys

Pul valve affected

ulcers & normal

Emb. art. pro sy. sia. in right

a club with suppur about it, & inf

of pea matter old ret of Mit. recent vegetat

Same of aortic Inf. in spleen





## Panophthal.

Pat valves at one mod. aram. of aq. yellowish  
 + inf. + on another also. inf. in lungs  
 pump clot in the vessel. Pat inf. in spleen  
 + Kid. Bes. depth in bladder. Depth endom  
 Old mural endocard. fresh verrucose aliflag  
 in mit. + tricuspid. Left lung gang spot

no signs of phlebitis. later normal state for the pen  
 large region in tricuspid valve size prominent  
 later in the septum of rt auricle. Sloughing  
 pyaemic patches in lungs. Inten. peripher  
 Uterus with remnants of placental ante

Suppurative meningitis chiefly cortical. Heart 4.5 gms

Pericarditis. Aortic valves. post. alone sound. large veget.

& a perforation in one of the others. At junct. of rt & post. behind a perforat.

into rt auricle. In rt vent on int. vent. wall an orifice, 6 m, <sup>to the</sup> perpendicular. & 10 deep.

Endometritis. veins leading for ut. cont. pus.

Mit. valve two circ. swellings. on ant. flap. soft & broken & perfor.

regulat. Sup. inf. in spleen. Red soft inf. in brain.

Mitral large clot at base of post. Mit. seg. & beneath it an ulcer.

with perforat. On post. int. wall of left auricle old clot ad. The surface  
 beneath is "depolice" otherwise healthy. Aorta at base blocked by plug of fibr.

Inf. in spleen not suff.

# Puerperal cases

13 Mayor	B. Soc. Acad 79	32	7 1/2 months pregnant Came in with bronch & dyspnea. Aborted. Never had Rheum
14 Guyot	" " "	37	New h. Preg. 5th month 1st time End of 3rd month pain in left hypochon & tenderness of br. . . . Then sweat & rigors. Came in a typhoid comatose state Rigors. cent. 39°. No menses. Abortion Slippery dry tongue &c.
15 Turner	Bul Soc. Acad 74	28	Scler in side for 2 yrs. On 25th Oct <sup>h</sup> parled at 3rd Flo. On 5th Nov. ill. with fever pain in side & legs left pariet. 2 days after in right leg. Both became gangrenous. Death 26th Nov
16 Picard	" " "	74	6 months after delivery pain in knee. which recurred in later years. now death
17 Lionville	" " "	74	Woman died 7th month of pregnancy with all symptoms of Typhoid fever
18 Sevestre	" " "	73	24 . Pain after normal delivery. fever 40 Heart trouble. Never had Rheum, but got pericard artery. Anuric. Coma.

Old endocard of mitr and aortic valves, recent  
ulcerat & sericeal vegetations, Infusid. not suppr.  
H a little large. R. 21 normal. Aortic valves normal.  
On aur face of mitral large veget little a crustiform  
on aortic flat. No ulcerat. Vast import. of specim-  
in offerings also. There were probably old. No old changes in valve

H. hyper. Mitr & aortic valves thickened recent vegetations

These aortic valve perforated. Volume regulation in wall of left heart

Per & ulcer of sigmoid valve & abscess eye of per at insertion of  
valves. Mitral thickened. Infusid.

Veg in mitral Endothel & infund. in stern & intestine  
Infusid. Kidney. Remarks. Laucere in his Aut Path  
compares the end. Rheum & Endoc. puerperale. The end there  
is an infl diffuse sclerotic which never terminates in necrosis  
never in ulceration, an entire end puerperal. veget. end.  
is due in soft, necrosis & ulceration. Author finds a number  
of cases even in wh there is simple vegetat endocarditis is in  
puerperal fever

19

Weilphal. V. G. XX. 7. 36. 1st par. R at 22. after birth of child great unrest. fever delirium. Typhus diarrhoea

20 R<sub>7</sub> Nesdel. Schmidt Jahrbuch. 1862. 3 weeks after delivery. Abscess in knee

21 Lebert. Arch. f. Gynaec III. W. 4th month. abs. Rheumatic death in 14th day

22 R<sub>8</sub> " " W 36 del. dead child In five weeks 7 chills dyspnoea delir, coma -

Verschow 16 cases between 56 & 68 in charte'

23 Wedd. Manx. Berol. 75. W. 3rd mo. aborted, Sept. Endomet.,

Old mitral sclerosis - fresh endocarditis. Suboli  
in heart, a kidney & in brain

1 meningitis.

Diff & soft regred in pulmonary valves

ulcer of mitral

Endoc. in pulmonary valves

ulcer endo mitral

W

2

Le

2

..

2

W



After wounds, injuries &c

		Sex	Age		
1	Wunge R.	V.A. LVI. 407 M.	44	Em. Humerange in left foot - took it off in a few days & under it small pocket of pus. 11.5th day rigor - daily the for 5 weeks. Sweats much &c. Slaps delir. . Prolapsed in abdomen. Pain & swelling in knee.	
2	Shellen	Ch Ann. III	7	20	Pregnant. 4 weeks before admission part rotted in in right vulva a little after partum which became an ulcer. Had some rigor. Admitted Nov 12th incision cut hemorrhages & in cony. Some had white cancer though mucus over vessels, right but swollen depth kelag. Diph of fauces. Death on 13 <sup>th</sup> T 40
3	Morse R.	Path Trs. 34	PM	16	Heart disease. pus in it. Growth in aortic valve large endocardial ulcer in heart wall. Pulmonary aneur in heart & other part. No culture. Solder. died 6 days after that of horse with sq. of mening. Proas absces. suppur in hand, and endocard of 2 segments of the pul. circumfer
4	Chrostek	Da. K. Mel XIV <u>R</u> <sub>2</sub>	m.	.	Solder. died 6 days after that of horse with sq. of mening. Proas absces. suppur in hand, and endocard of 2 segments of the pul. circumfer
5	Godlee	Path Trs. 25.	M	30	Ad. 3rd. 15 d bef. cut his finger; suppur of it came & he felt better. Then got bad Trise 105. sq tongue swelling of R. knee &c. pus in thigh pyaemia
6	Feudon	B. Soc. Acad 82	M.	66	Blow on jaw. erysipelas. Temp 23 d out. Heart Mur. fever Rh. T. 37. Then sweat & rigor. T 40. 3rd death granules & chaptlet in blood.



Postmortem

Uter in lve hem. inf. fresh Pleury left.

Mucovocci & Cephallous & amia

H. hyp. Ulcer region all aort. valves, on margin &

Same in emboli in Kidney, & in Heart.

anterior surf of Transversal aorta. Ph Endoc.

1st heart 1/2 dig. 0.5 cm. ulcers

surf of pulva & pances

Hem. st. & membranes at

line of clos. mit, tricus & aort. v. reg. grey

excess, valves not ulcerated

Upper lobe of R lung, hepatalized

Sub abs in Kidney. Hem in rest

no des in v. or lg. of aortic arm. deced in finger sent

local Pericarditis in mus tissue, dirty brown

very vascular. surf in places, no lesion of Endoc.

tho "Endocarditis" mentioned staining only a filling of rest of Endo

Pericardial sept at back of head. Joints normal.

H. nor. vbl. large vegetat on mitral surf. recent on aortic valves.

Mul. abs in liver. Inf in Kid. not surf.

# After Wounds & Injuries

7	Fagge.	Path. Rep. XI	m	33	by l. arm amput. Regor pyemia 9 day
"	7a	" " "	m	18	C. C part of knee amput. Regor. pain in knee
8	Oyle	12. Path. Soc. IX	m	40	Phthis. sloughing Pills. No R.
9	Holmes R <sub>3</sub>	Path. Soc. IX	m	5	Caries of calcaneum. Sup absce. & pyemia
10	Hilly	B. Soc. Anat. 7	F	8	Pericarditis left heart. In left vent just below the aortic valves abscess in vent wall. Inf in lungs
"	Heschel R <sub>4</sub>	Schmidt Jah. 1862	-	-	abscess in lumbar Region. Embolus of Pulm artery. Inflam of the tricuspid valve
12	Peabody	N.Y. Med Rec.	83.2	m.	Structure Pyaemia after ulcers of a wound at endoc.
13.	"	"	"	"	"
14	"	XI	"	"	Pneumonia
15	"	XV.	"	"	"

Mitral on aur aspect dep of lymph. recent. py em  
depos in lung, spleen

Py abscess in liver & spleen recent pleurisy

Mitral valves. recent deposit

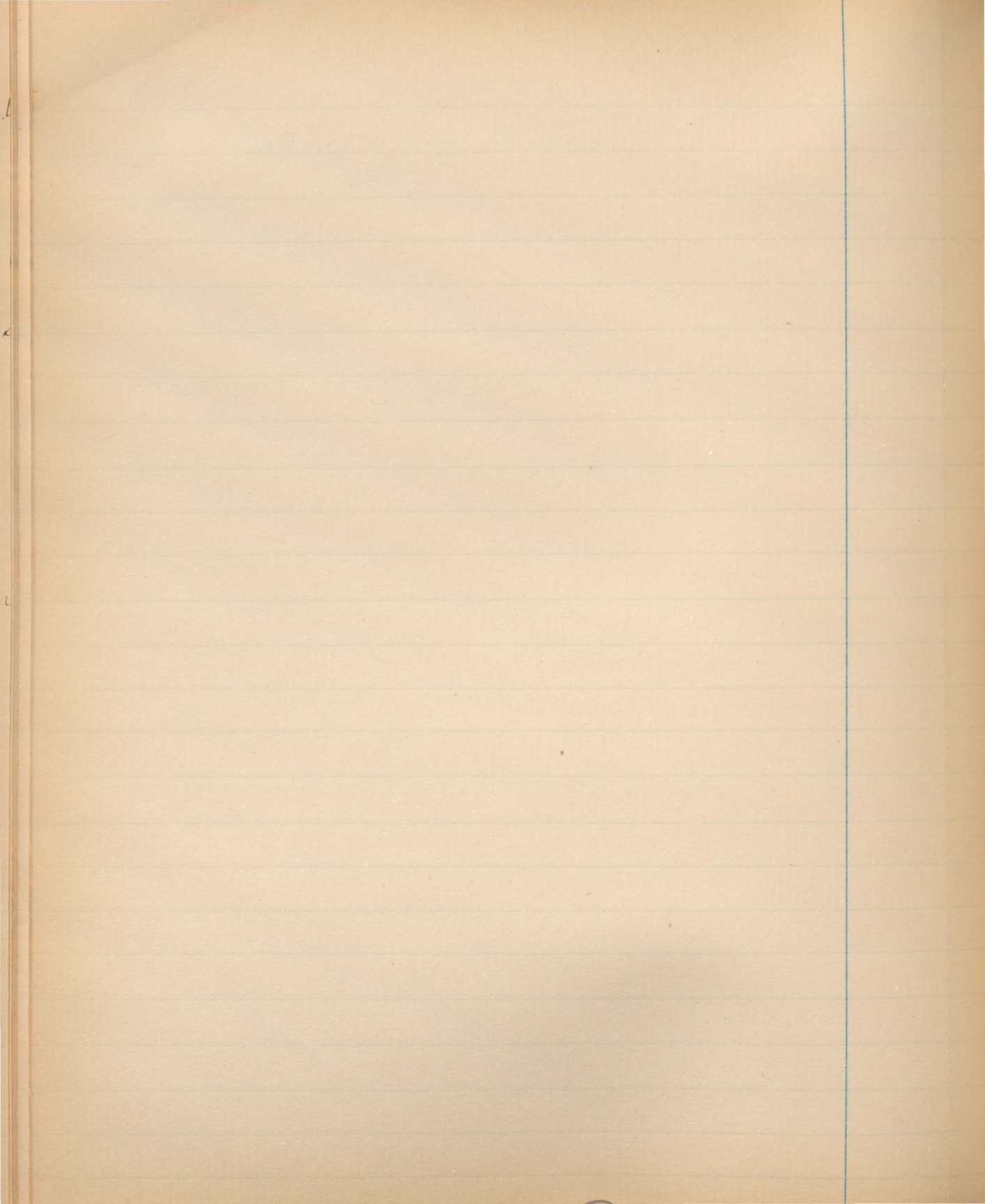
Ut. of several valves at free & attached margins

In wall of left vent. an abs cavity just beneath post flap of mitral  
& in post flap of the valve - auricular surface was a crop of vegetated  
depositions in Micuspid also in lungs.

Aortic curps. one destroyed. small abscess in heart mus. Capilla,  
abscess in kidneys







Endocarditis in Animals.

Rolt

no. LIV

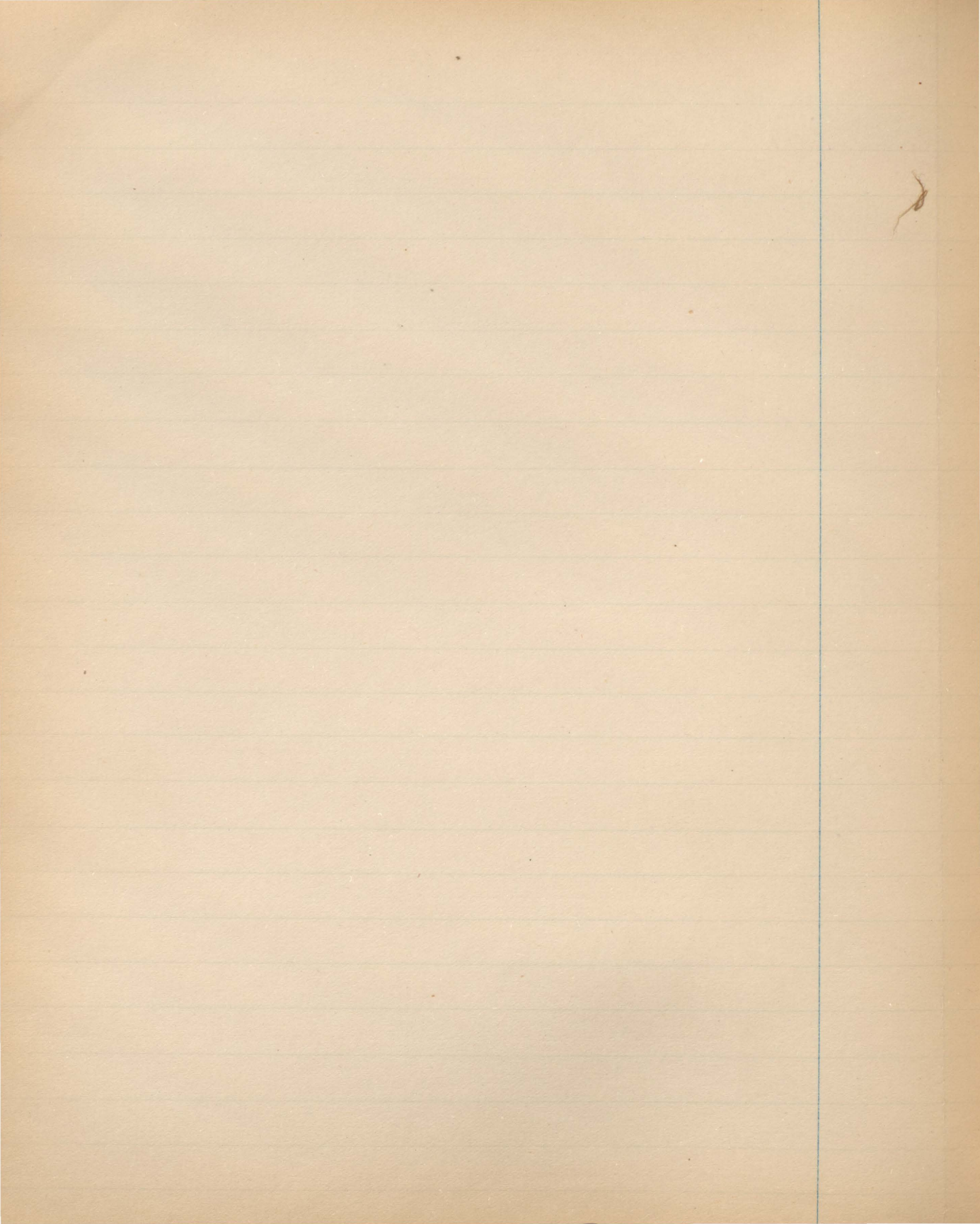
Endo. Stenomatosa in a pig. etc. seg. embol. occurring in

Hog. cholera









# Experiments

Herberg. V. a. LVI. In ut. end. perpendicular. bit. of veg. in abd. cav. of rabbit -- no effect. none beneath skin.  
By mixed with salt and put into the jugular - animal died in a convulsion

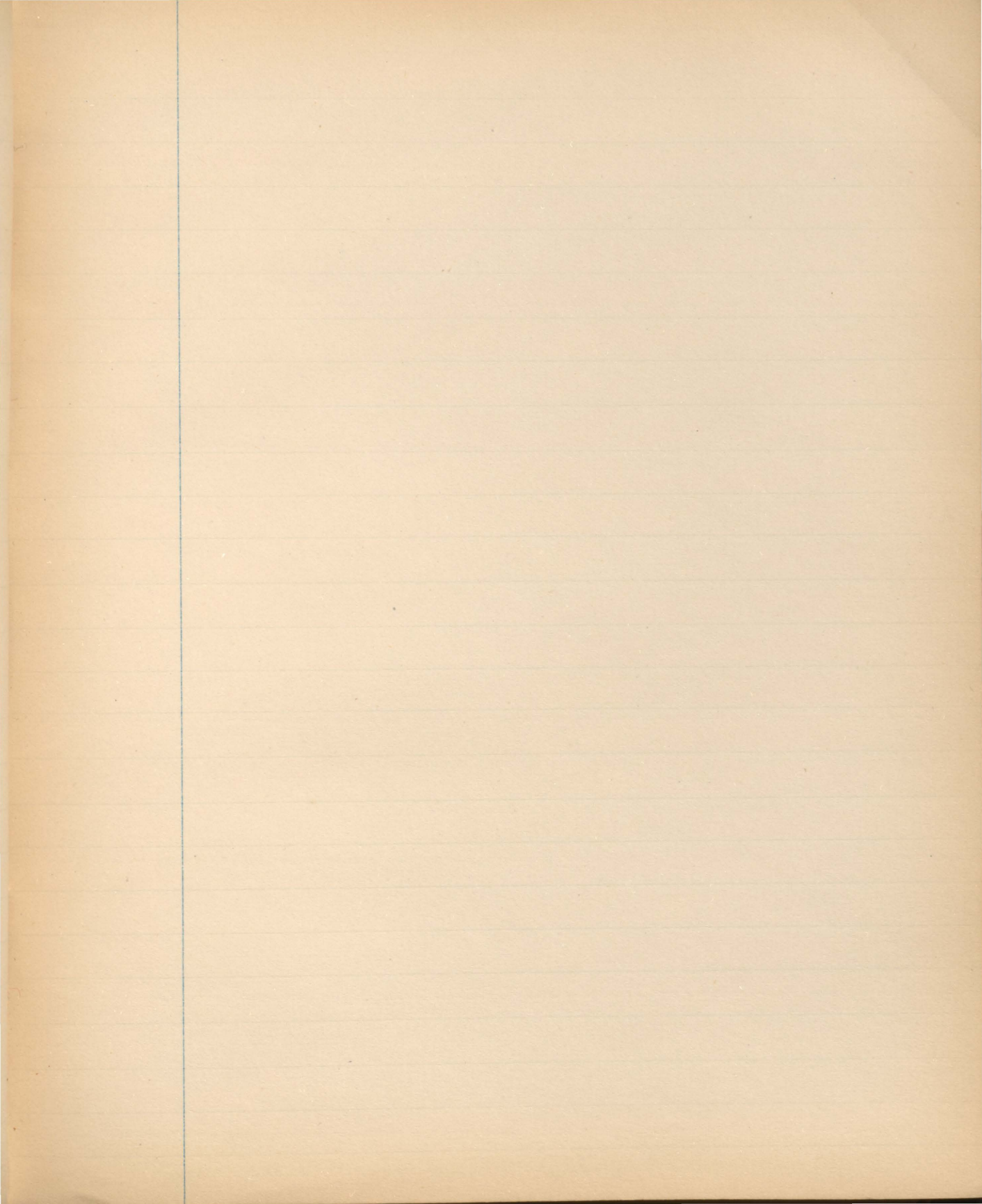
B. Hirschfeld Archiv der Heilkunde. XVIII

Rosenbach. Archiv. f. Exp. Pathologie IX. In his 20 exp. on artif. prod. of valve disease. divided as regards endocarditis into 3 groups: 1. st. no infl. appear. <sup>at the valves</sup> 2. more or less abundant fibrin exsiccans. 3. deposits on the valves with micrococci & streptococci, the prod. of an exquisite ulcerative endocarditis. Two only of the dogs with the infective form. haemorrhages - infarct-retinal changes. No micrococci in the haemorrhages - septic process due to infl. in the blood. not direct action of the m.

Eberth. Inoculated rabbit eye. animal died. with suppura-

Gray & Chamberlain. Expt. rabbit with the pus from abscess in spleen endocard. Muc in their blood.





# Primary Cases

1	Joy Kamp	A. J. Ext. Publ. 10	7	40	No account of Rh. or Pneumonia
2		Path. Soc. 30. 132	98.	32	Two months before pneumonia in feet & legs. Some shivers every evening. Later claudication T. 104° irregular
2	Mayer	DAK Med XXIV <u>R.</u> Pulmonary valves	7.	16	ad. Aug 4th. No history of Rheumatism. In bed 3 weeks before adv. signs; up 1 Sept 4. intermittent fever sometimes sub normal Morning T. Local dulness & other signs of lung affect. a dem. of face death on Oct 4.
4	Whitley	Quay R. 1857 <u>R<sub>2</sub></u>	78.	37	never Rh. 6 weeks ill before came to Hosp. diarrhoea... no mention of fever.
5	"	" " <u>R<sub>3</sub></u>	7	41	Sudden death. Symptoms of <del>the</del> H. dis from childhood
5	"	" " <u>R<sub>4</sub></u>	7.	19	Four months before Hosp. got a swelling. Some after a dem & albuminuria
7	"	" " <u>R<sub>5</sub></u>	7	38	Hist of strain & 5 weeks before was struck in the breast Murmur.
8	"	" " <u>R<sub>6</sub></u>	7	45	Sudden death

Menigitis infarct in kidneys. Med. segment, and one other affected  
Micrococci. Many in the lymph spaces deep in the tissue  
of the valve.

Central two large vegetations pure but friable. appears a good  
cut granules hyper. Kid infarct in primary case.  
Kidney

Extensive recent vegetation over all  
segments of pulmonary. No evidence of  
focal endocarditis. Defect in wall of  
septum at upper part & fibrous continuation grade.  
about it. This author thinks product after  
the Eudoc. & veg. I think not.

Veg in pul valves. Membranous part of  
septum patent. Fibrous thickening about it.

Pul. valves gang reschrounden. Below insert  
many fresh vegetations & endoc. here ulcerated.  
Veg on aortic valves also.

Pul valves almost des. of fresh Eudocand.  
veg. in the remainder.

Great part of pul. art. of vegetations fresh.

Del & hyp. of at least. Del of Pul art. vegetat on border of  
valves.

7 <sup>a</sup> Paget	Med. Chr. Trans 44	7	20	anæsem by drops.
	<u>R</u> 7			
7 <sup>a</sup> <del>Von Leusch.</del>	<del>Neys. Da K M xxiv M.</del>			. Regt in Pul. & about the opening of the septum
10 Wahl.	" " " M.	33		a month before. fever attacks. cough dyspnoea palp.
	<u>R</u> 9			
11 Museum.	Path Trans 19.	M.	21.	ad. with Syllle typhoid Pul. 120. T 102 104.8. diarrhoea & dry tongue, became more Pochymon
12 Peach	Path Trans 19.	7	24	ad. 27th ill. due to cold began with shivering. & fever. ill for a days dry tongue
13 Petit	B. Soc. Anat. 81.	M.	22	No R. Sld. Palp. had to quit the semi noadema. Syll. mit. Congans pulse. Duroes double souffle inter. in coronal arteries. No diastolic mur. at base.
14 Museum	Path Trans 19. <u>quote</u>	M.	25?	Old heart dis. admetted with dropsy. R. hemipl with aphasia. at that time & later. feverish
15 Museum	Path Trans 19	7.	30	No hist of R. or int. Illness 5 w. before admet. March 10th. Dysp cough pains in legs. rigors. Rigors sweating T. 104° Ren & sub cord umb. Death in 18 <sup>th</sup> M



only 2 pul valves. present to spague. The margins  
numerous fresh vegetations, yellow brown color.  
Warty veg. behind also. ulcer at base of the artery  
Aortic & Pul. val. ps.

Rt. med. simul. of pul artery covered with  
fresh vegetat. middle covered with a gray  
laminar. Parenchym. nephritis & cv. thence the basis  
a complication of the nephritis

Aortic valves: 2 reg. curv. with heaps of vegetation  
& point of yellow ulcer. other reg. & mitral quite  
healthy. no local patch on mitral. Infarct  
not suppurative, Rt lung pyemic inf.  
Recent pneumoniae consolidation in rt lung  
2 aortic v. part des & reg in them, base of free fold of  
mitral a perf. mit. left auricle  
Old aortic dis. with recent vegetation  
Ulcer on mitral & vegetation. No infarcts

Mitral much diseased. Largely smooth. Chorda divided. } xy  
Suppur. disease in Brain Spleen Kidney. . . . . Very inter. case }  
Pericarditis. Myocarditis granular degeneration - Aortic cusps } mit.  
much aff. reg. soft one perfor. another ruptured Mitral healthy }  
Emboli in Kids.

# Primary cases

16	Murchison	Path Trans XII	M.	35	Ad March 24th. no hist. P 100° delirium. dry tongue no pur. no diarrhoea. Urine short. late - died 27th
		quote			
17	Slackler	B. Soc. Anat 79	m	28	no R. well up to all at. ad. extract. with fever headache. purulent vomit - Typhoid aspect no rigors no diarrhoea. T. 40° death in 3rd.
		quote.			
17a	Talman	" "	m	38.	Had signs of H dis for years, up to 18 or 20 no his of Rh. Purpura on limbs. Came in with rash & purp. - typhoid & died in week.
18	Lemore	B. Soc. Anat 78	m	18	admitted 7th Jan with Typh group. no H's of Rh. Rigors several T. 38-40° Death 25th Jan.
19	Ogle (3)	Path. Soc. 7X	m	29	no Rh. 8 mo pain part a in least. haemop Curo before death
20	8	" "	m		no Rh. dry p. cough haemop
21	4	" "	m	60	no Rh. Cough dry. anas. fever Sudden death
22	3	" "	f	60	no Rhem. old he dis. dyspe &
23	7	" "	m	30	no R. dry pal. ch most card
24	10	" "	f	26	no R. died of Continued fever (?) He dis not noticed

Microcystis recent base & surfaces.

In wall of left vent below arch v. cavity size of fistul.

cont. granular matter & corn with vent cav. of O. inf.

End. of the sinuses of valvula & in the aortic face of  
post segment and in the aortic surface corresp. Defect in

RT Kid. The spleen none. no old valvulitis

Mitral & aortic normal, Duplex in RT Ven. ost

1/2 huge clot grey-red fibrin. Long aneurysm of the unperforated  
wall. On wall of septum near insert of tricuspid chordae an ulcer

1/2 cent in diam. a cavity empty yellow in color.

Doubtful face

White patches in veins & valve little leucitha.

Endocard and valvulae of aortic, abs at base pericardial  
upward of oes. spleen & Kidney no supp. in them

Fusion of two valves of aorta. ulcer in aorta just above  
valve. Doubtful of ul ends

(3)

Aorta inf two valves. one flap ulcerated - no supp  
Long hepatogastric. The aortic val ulcerated. Mitral val thick one chorda  
ul. thro. sup. in spleen.

Mitral thick. ulcer in flap.

Mitral stenosis ulceration ul of tend cords. No ment of the o

old aortic & mit des. fresh vegetation & ulceration in both sup in spleen

Prunaz cases

25	oyle	Path Trans IX	m	23	no Rheumat. Ch. morb. circ. one year
26	"	"	m	66	No R. just anas. 6 weeks.
27	Callender <u>R. 10</u>	Path Trans IX	m	-	admitted with sy of del of heart anasarca
28	Hurst <u>R. 11.</u>	B. Soc. Anat. 75	m	24	no spec histog
29	Robin. <u>Good case.</u>	B. S. Anat. 76	7	29.	no R. never ill before, no ulcer. calar. T. 40° with headache & epistaxis. pain in abd. no bruit at part. later one. back in abd. little phos but a small vesicle in top of each T. 40° diarrhea. Pain in muscles. Dry tongue. T. 41° Delirium
30	Rény	B. Soc. Anat. 76	m	19	Admitted hemiplegic. died in short time
31	Carrié	B. S. anat. 77	7	14	never R. Came in 10th Aug with sy of Typh. T. 39 & 40. diarrhea dry tongue &c. Delirium gradual bruit variable. disappeared at times. vomiting for death 3.1 Oct

22

45 000

22

50

H. 2803. hy & det Aortic V. thick. one ulcerated.

Ant reg of mitr thick & adhesion vegetation. Path of ulcer penetrating deeply into left vent-wall

In ant reg of mitral a large ragged opening

2 reg of aort valve rough but not ulcerated. A large ulcer in vent wall septum perforated the wall. 4

Reg & ulcer in tricuspid. Emboli in lungs large reglet & ulcer in Mitral and Aortic valves

Reglet in pulmonary semilunar. Inf in spleen ulcer on vent wall just below reg val. & perforated the septum

H. normal size. Mitral stenosis. many polypoid vegetation prob. Inf in spleen. Infarct in Kidneys ho sp change in water. Echinococci.

2 valves in aorta united ones are the coronary reg. large vegetation & an aneurysm of the valve. with ulcer & perf lymph glands very large. small of brain 5

H. hyp. Post. val of mitral & mitr reglet at base forming a movable tumor. Inf spleen. Inf in Kidney one pericard

# Primary

32	Balzer	B. Soc. Anat 77	7	50	Papul for several years. Swollen jaws. No R. œdema Syst mur.
33	Devaux	" " 74	7	24	Rigors palp. fever. No R. No syph.
34	Reyrot	" " " 74	m	20	Never R. Heart troubles 3 or 4 weeks acute ends. & sudden death.
35	" " "	" " " "	7	14	ad. 18th Feb. ill several days. Never R. cough 3 weeks. Fever went off. Death Jan 10th
36	Hautot	" " " 75	m	26.	Previous good health. No R. 4 weeks before cut short breath. 22nd they return fever. with rigors which 27th 28th death.
37.	Leprie	" " " 75	m	46	24th May. cachectic state. Fever. purpur. dyspnea. Temp 40. death next day.
38	Hensman	Hautot 84.11	m		Drank <sup>a few days ill health</sup> tea cough. March 23rd. Fever no shew. 28th death. very acute case Typhoid case. T 105

H<sub>2</sub> Cordis Aortic valves healthy, but a little thick & orifice narrow.  
Endo. of left vent very thick & present enormous <sup>recent</sup> vegetation.

no infarcts.

Aortic valves, left normal. Part of pericard vegetate at point of  
post. & right segment an impulse leads into a large ulcer in wall which  
perforates the rt ventricle.

Mitral aene in valve. size of pea. No thickening of valve or chord.  
A. normal size. The sigmoid valve involved. Large aneurismal  
cav in vent wall between aortic ring and mitral passing  
into the intervent wall & small cavity with left aenele  
no infarcts.

H. hyper. little calcif granule in sigmoid valves.

Below sig. & near mitral an ulcerative fungus like a chain  
ulcerate 1/2 cm in diam. a few veg towards the mitral.

No infarct spleen or kidneys

H. much H<sub>2</sub>. Small val aene in mitral. Sigmoid aene in  
in one segment vegetation. Enorm spleen no infarct.

2 meningitis

5 pneumonitis

Mitral thickened with old disease. 3 ulcers and a 4th on vent face.

hyp in spleen. Necros. subd in colon aene. Haemorrhage. points  
in kidneys. 2 cases of ovoid in calculation & by of bands

occurred for the case





Ros.

H M at 38 and 84 left. 81 Good bus. always in good health.  
The 100 ago chilly feeling weakness in Ricci's points fever & sweating  
vomit. upset. kept about until 10 days ago when bed. sev. pain in  
stomach rel. S.P. dull h.c. mucous. T 100 1/2. No chills. and perspired  
free high with marked mucous, normal or subnormal. On 15th chills  
3 stools a day brown mald, yellow brown. head with T 100-103. no chills went on  
Pain in left h. Oct 3rd fever & pers. cont. Oct 6th Temp at 102° slight del  
at night - 74 h cough y. Peto do. for this time lower T. 100-101. delirium sleep  
death on 23rd. Both met a unit of acute seg. mald & this. When regaled  
after 3008 & 018 say we had super

39. Tidippan Jan 1881 F. 48 July 31. d. No R. Ill since 24th. Fever. Mucous  
 diarrhoea. Shivering 31. it very probable  
 T 105° on admission very heavy. hemiplegia

40 Char & Kulp. Gaz Med. P. 1852 M. 27 Healthy <sup>no R.</sup> - married with allent in wife at least  
 typhoid. rigors. Headach & lass. Mour at heat  
 dz tongue 4th dz after adm very possible of an  
 ul subcard. large joints apres le debut worst.  
 heart & leg. Truncipid at & perf in me very

41 Lancereux Gaz Med P. 1862 M. 44 Adm Oct 18. Ill 8 days, diff breathing precord pain &  
 feet edematous. Death 23rd. col spente.  
Suppurative

42 Lancereux Gaz Med 1862 F. 22 always good health. Ill a few dz with precord pain &  
 & on 4th may intense rigors & then sweat. 5th went to work  
 again Rigors. At home until 9th when she came to hospital  
 Vom. diarrhoea. fever. on 15th jaundice. stupor. No heat  
 death on the 17th.

43 Everett Va LVII, 1862 M. 25 <sup>Dr</sup> 25<sup>th</sup> rigor in eve. previous good health. My friend him un-  
 conscious T 41°. Seemed like a typhus with meningitis  
 on 27th to hospital, where he died at 5 P.M. T 42.4

44 Brind. Entick Omwood Med Gaz 1851 M. 60 Symptoms of cholera fever 2 paroxysms 4 P.M. & 4 am.  
 like case of suicide Phillips. dead he mummified & embalmed  
 and mangled. Lacked 24 months  
 & Brind mentions another case

Meningitis. cerebral softening. Huge ulcer excres on mitral  
Spleen inc inf. none in kidney  
Refers in good remembrance. no more no phy signs - no  
precordial pain.

lungs with abscesses.

Remarks on the typhoid state.

Pericarditis. left v. hyper. Nutr v. covered with fibrin. excud.  
in surface a small tumor esp. a pea containing pus.  
Inf in center of spleen in middle of which central purulent softening

Pericarditis slight. Mitral valve. ulcer at end of aeg. one des fibres. excavated  
but in spleen. & in kidney simple.  
Molecular granules, present in mucin in blood, which cause for valves.  
Abscess in lung, no purulent hepatitis.

Large per ulcers on aortic valves. Kidneys ecchymoses & small abscess  
Sept. prof in brain.  
Est soft vegetations on mitral & aortic valves. caruncular vegetat

45 Kirkles	M Chen Texas 52	9m	14	Healthy boy. Complaining for a prolonged period of stomach & abdominal. Admitted Feb 12th Typhoid symptoms. Relative symptoms. Headache morning fever. Death on 4th day in hospital
46 Smith Wg	Bm J. 81.2.	7		admitted in a typhoid state and died rapidly
48 Pulman Jack	N Y Med Rec. 831		13	Fibrile attack. T. 105-97° very irregular. H. hyper trophied. R. pneumoniae present. Death 16-17 days

Peleteria in skin. Fresh fibrile vegetations on aortic & mitral valve  
Superficial in spleen & intestines

Remarks that the case illustrates direct poisoning of  
the blood by the products of rheumatic inflammation of the valve  
In the group & in the p m app the disease resembles  
phlebotomy after wounds. In both cases exciting cause seems  
to be some morbid introduced into the blood.

Micro in blood & fresh veg. when on aortic cusps acute aneurysm of mitral.

1

Lophos Pneumonia Fresh Endocard in tricuspid and mitral valves.



Heinemann. Med Rec. ~~Nov. 2~~ N. Y. Path Soc. Boy 14 y. ad. Nov 19th.  
47 2 days before headache from in back & legs. chill fever low. gapped vomiting  
crisis. Return in ad. headache. Temp unrel.  $T 105.2^{\circ}$  Heat along mes  
Nov 20th  $T 103.4^{\circ}$  &  $105.6^{\circ}$ . Face & arms pained most. Nov 21st, 6 am  
purpura eruption, skin chart then on face & then on all ext.  $T 104^{\circ}$  &  
p 140. pulse, Delirium hyperic along spine no opisthot. 3 p. pericard  
suspected at 11. Pm a second crop of purpura spots. rest frigid as well  
 $T 106.0$  convulsive movements 22 ad. 2 am p 160 3 am rec convul  
seizure. Aut. Brain. capit. purp. - 22<sup>nd</sup> part hem of lat tent a clot  
around a cut of left occ lobe. Pia of cut caught open & cap. no exud.  
Cing of base lobes plunger. Heart. recent reg in ventric. near apex  
in ant. wall of left vent a small cavity under of probable abs. & dist  
of base. Purpura seen in pericard. Kidneys. subcapsular small  
in right a large wh info st.  
Case in. of apudemic cerebro spinal meningitis with acute buds -  
& pericard. probably since in exud. in kids

49 lungs	Gay Med. 64	7	25	Ill a couple of days. Never R. . Incomplet of mitral valve. 2 days after admission. jaundice death with coma in 14 days
50 lungs	BMJ 08	or Ray.		Irrit. Card murmur for long time. A day or two before coma. Illness came on with def. men malaise. 14 days after lay in bed quiet, occas. chills & breathing events, rather dusky complexion sug pyemia. a Remission. Then signs return B.R. tho he had tertian ague asked have him in "leucocis" doses, had now been ill 6 weeks. For ten days signs ceased then returned with great violence Dyspnea much brassy. Death Feb 2nd
51 Mallory Chalmers	Gay Med 62		22	Well up + all ok. Sudden rigor - 2 hours, next day same with vom. diarrhea. <u>jaundice</u> on 8th day Pelechee. somnolence. Death on 14th day ad. 11th Feb. on 7th a rigor. Cough for some time
52 Lancet				
53 Lancet	Empy. Kops. Ref. XVII.		M 45	ad now 22nd. Had been 5th to cold. Temper 5 Mos before an attack. When adm signs of chronic morbidity. Cough. Pivotal man. 5th Dec pain head <u>mental eccentricity</u> . 7th death. post mort



Ulceration in Arteries, esp. in spleen.

Origin of the arterial system. Best the source of infection of  
in spleen & kidneys. Large soft veg. in mitral. Accumulation of pus  
in the wall of mitral. old case

Indo ulcer of mitral. liver cells wasted

Ul in art. valve of tricuspid, abs. in rt lung, meningitis

meningitis brain and cord <sup>or max. could not describe in brain.</sup> echymoses ulcer of aortic  
valves. Osseous infection of aorta esp. in kidneys

<sup>54</sup> Delafeld & Prudden . Manual of Path. Hist.

Child at 5 1/2 died after 10  
105° <sup>100° normal</sup> day illness. T range for normal to  
105° . Mucous. Echinures on skin pleura

<sup>55</sup>  
a 0. 49 (case XIII of my series)

Intest affected, - - inf.

56 Case XVII In & cordit

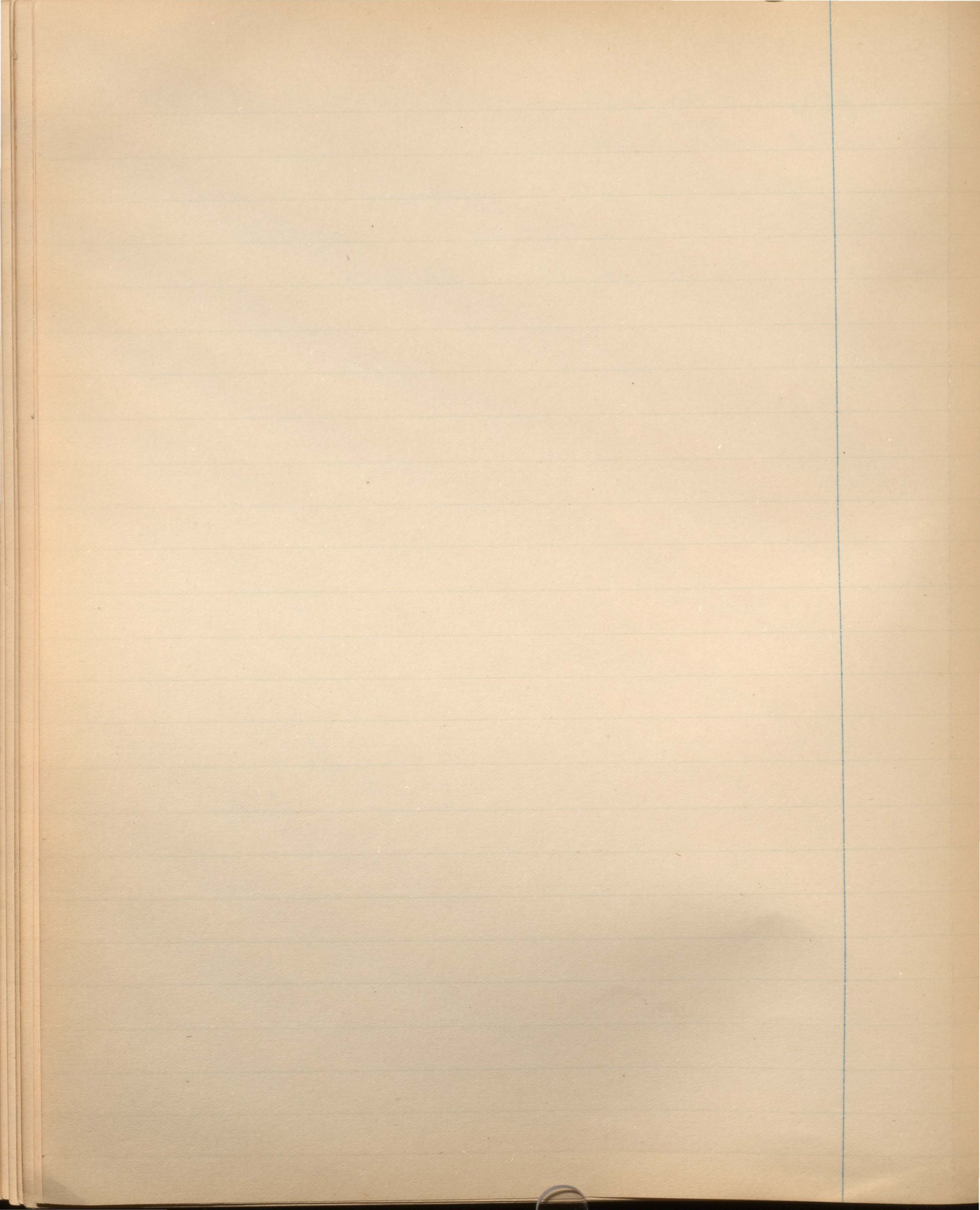
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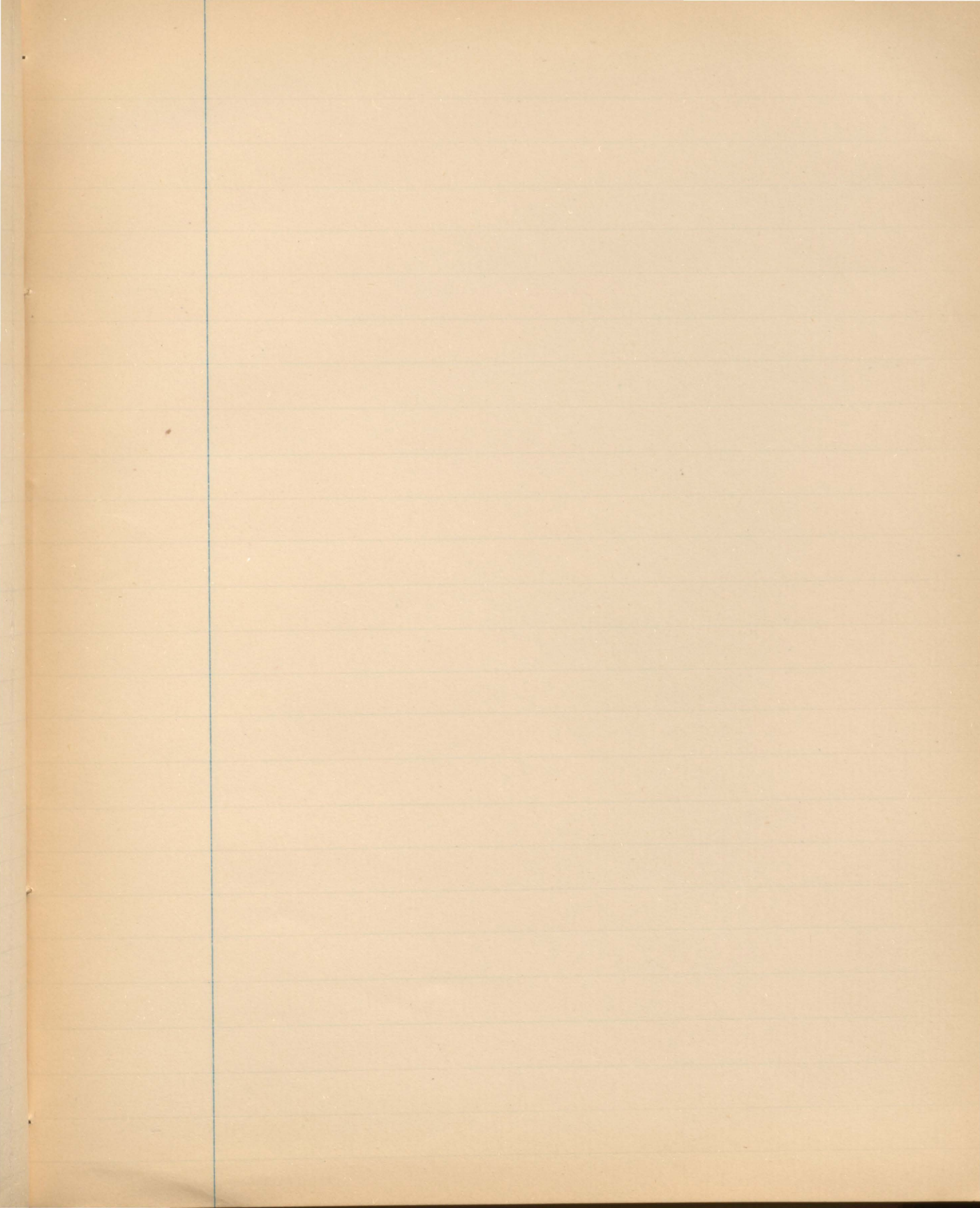
*Pyrriform polyopus* 2 clean long per  
edge of nutrient other smaller ones

The bacteria found were not like ordinary micrococci but were  
filamentous 0.7 - 1.0  $\mu$  in len. & very slender, grouped in twos and  
ends & in some longer chains. Bacilli not in other zones

a k c d e / f g h  
1 2 3 4 5 / 6 7 8 9 10 11

56  
11  
45





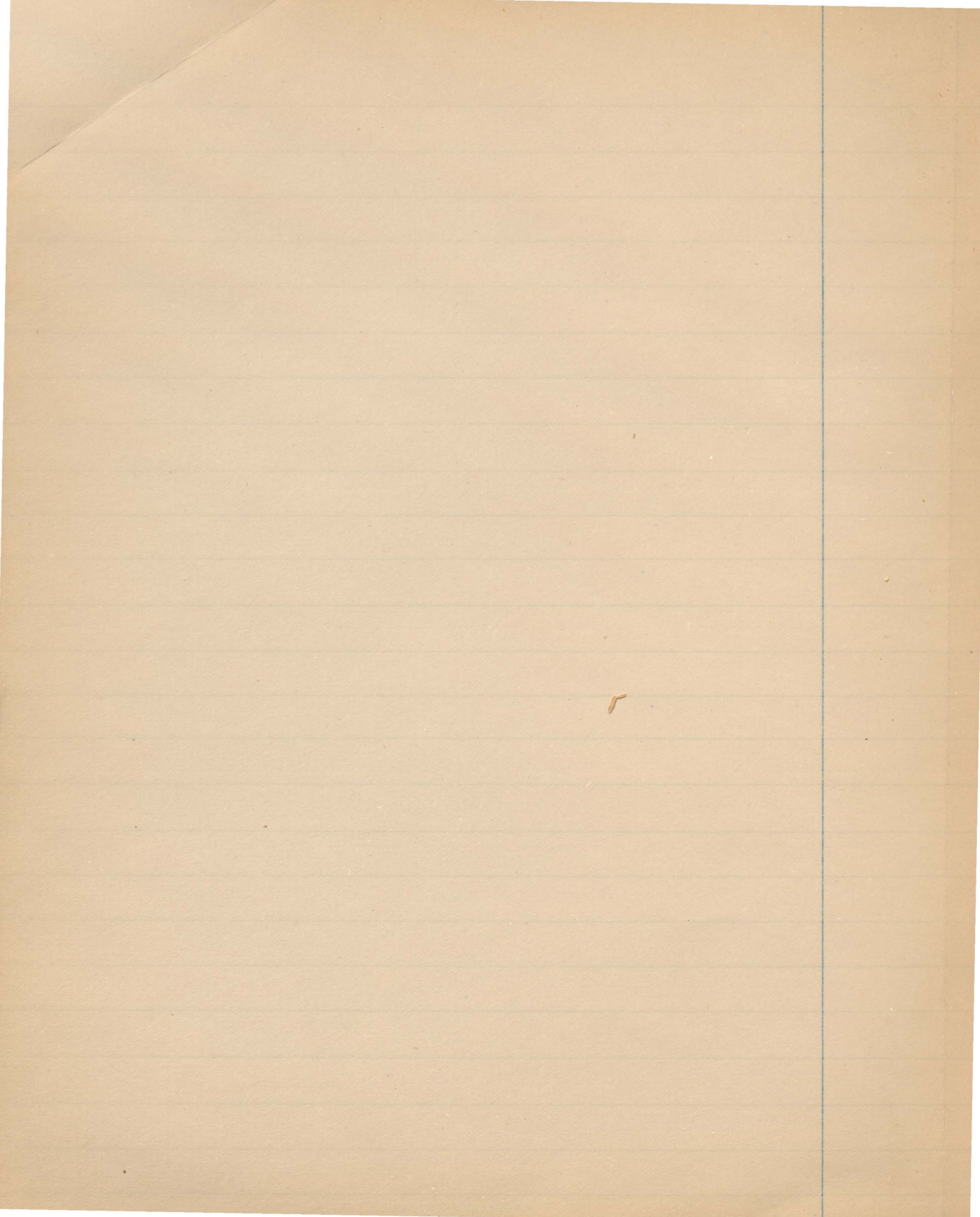
~~Pulver~~ Affections of Rt side

(1) Eckerst. Charité Annalen. 2. Affection of Pulmonary  
Artery. The Pitz affect not open in rt side  
They must of form an outside curve pass the rt vent before reaching  
the left - they rarely affected even in persons affected

2. Mayer. D. G. K. M. XXIV. Interesting fall. recent reg end.  
of pulmonary.

3. ~~Waller~~ - Path. Trans. 21 107. etc. & supra in







# Pneumonia and Endocarditis

1 Personal Experience.

Of 9 cases there were which presented recent vegetations on the valves & in of these the process was ulcerative.

In the 9 cases there were cases with meningitis

With the exception of the meningitis was in association with ulcerative endocarditis.

Of cases of acute ulcerative endocarditis collected in the literature were associated with Pneumonia.

Other associated conditions

Croupous Colitis was noted in of my cases of Pneumonia.

Croupous Gastritis in one.

## Relation of Pyæmia & Endocarditis

Septicæmia = all cases in which there is general infection from a wound without too metastatic changes

Pneumonia & Rheumatic fever.

Pneumonia & Erysipelas.





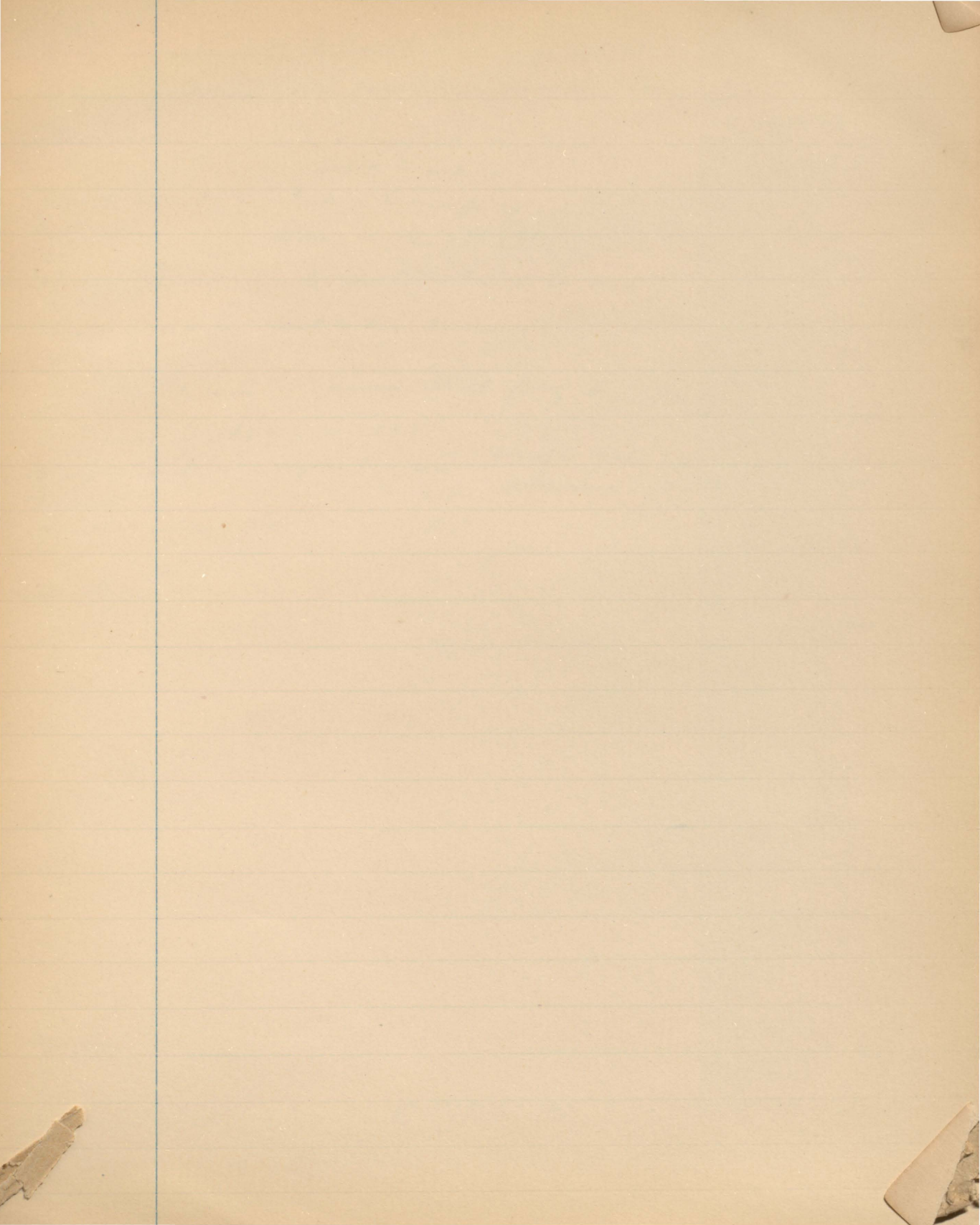




Table I

Prosp in wh <sup>the</sup> diff valves were open in 131  
 cases of lesion of the valves. As cases. Per cent

aortic alone 17	aor & mitral 34
mit. " 26	aor & tricuspid 1
Tricuspid alone 6	Mitral & tricuspid 16
Pul. alone	aortic mitral & tricuspid 21

Relat no of cases in wh aortic m & b v v

Nature of aortic mit & b v lesions

Table two Shown relat freq of

the diff form of lesion in 131

1 simple Endoc. .. vegetat	28	simple thickening	22
2 ulcerat	14	atheroma	12
3 simple Endoc. Ad	55		

Analysis of cases





the values alone 1, 3, 4, 5, 15, 16, 17, 18, 19, 21, 29, 31, 32, 34, 37, 38, 40, 46, 48  
51, 52, 54, 56, 61, 64, 68, 74, 75, 77, 81, 85, 90, 92, 93, 96, 98, 99

neutral together. 9, 12, 14, 24, 26, 36, 42, 43, 45, 60  
65, 70, 72, 78, 80, 84, 86, 91, 95, 97, 98, 100

and crushed 11, 44, 55, 76, 85

Acetic neutral & crushed 11, 41, 55, 99

Ret. Heart alone 4

Non Val. cases 2, 27, 28, 30, 32, 87 - 6

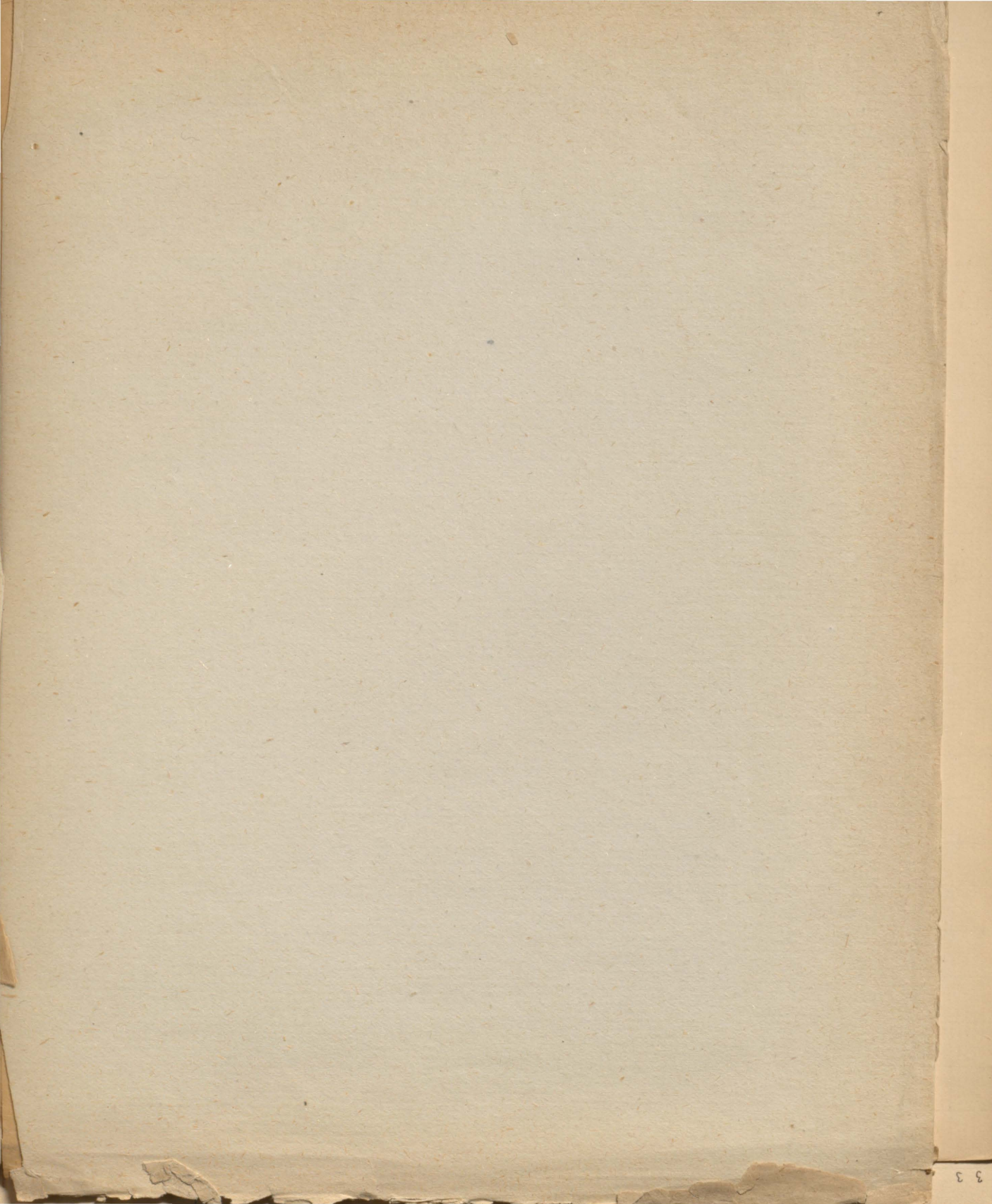
to him

Classical  
of Pennsylvania  
Classical Medicine

by W. B. M. D. 1856

Philadelphia





Scholarship + tennis 5

Murd. 8, 18, 33(2), 5-8, 77, 94

Palmerston Park 20, 25, 30

1. Review of 175 cases of the disease
2. History of the outbreak in the Boston area
3. Notes on 30 cases of Boston disease
4. 10 cases of other diseases
5. Review of 100 cases of Boston disease
6. Summary of results

Justification for doing so

Experience in epidemiologic research

A difficulty inherent in the present work of any kind is to understand the other & recording of facts in a certain order before we have reached the point where they are retained & classified. It is therefore necessary to have a certain order of relation in the other & to be available for the use of a certain conclusion.

The report was held the number of patients, etc.

See the table in the appendix <sup>any</sup> than 2 times <sup>found only</sup>

For 20 cases of our 800 patients: This report has been revised and about 30 papers published bearing upon important cases. In ~~revising~~ preparing the table & charts I had seen to include all the cases of the kind which had been reported. I was greatly interested to know how many points came out clearly & fully upon which our knowledge was largely & completely. It seems therefore desirable upon me to spend the time to me to make a careful study.

1. Review of 175 cases of the disease
2. History of the outbreak in the Boston area
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7. Review of 100 cases of Boston disease
8. Review of 100 cases of Boston disease
9. Review of 100 cases of Boston disease
10. Review of 100 cases of Boston disease
11. Review of 100 cases of Boston disease
12. Review of 100 cases of Boston disease

(1) Summary  
(2) Summary  
(3) Summary  
(4) Summary  
(5) Summary  
(6) Summary  
(7) Summary  
(8) Summary  
(9) Summary  
(10) Summary  
(11) Summary  
(12) Summary

700. Fixed abdomen.
702. Cancer tumor of Pancreas & liver.
706. Pyo. Pneumothorax.
710. Pulmonary aneurysm.
716. Empyema Dorsum. Ch. nephritis.
718. Sarcoma of Kidney.
720. Tumor Brain. Bile duct. dilated. no g. stone.
725. Aneurysm of arch.
727. Uremia Pregnancy. Apoplexy.
729. Ch. cyst. nephritis.
730. Esch. labor disease of colon & caecum.
732. Calc. Heart failure. Sudden death.
738. Cancer Pancreas. second colloid in lungs.
740. Scandalous nephritis. hydrothorax.
743. Mitral valve disease.
745. Bronchitis & Empyema. Cirrhosis of stomach. Thickening of lesions above & around  
 left renal vein. Pushing head of Pan.
752. Central brain hemorrhage. Small cyst in lat ventr.
754. Tub. nephritis.
759. Primary cancer of liver.
760. Renal calculi.
765. Ane of abd aorta.
768. Endocarditis in Phthisis.
781. Syphilitic desquamation.



- Moss character 7. <sup>und of head</sup> ~~sp. ...~~ ~~... at ...~~
- 2 Ni. Linnæus (89) 7 61 <sup>und of head</sup> Truncated aphyllous age 61. Tr slightly narrowed.  
 Neutral only admitted the little finger, L.V. not enlarged. no drop
- 3 Durey (181) 7 49. In V. narrowed. ad. lit. fing. 1st joint. Tr a little narrowed.  
 scale from scrotol of L.M.C. no drop
- 4 C.B. (335) 7 36. A.Rh. 10 yrs before attack of sh. of V. (C.M.S. 8, 1, 291)  
 M.O. 13 yrs in dia. death from ? of L.M.C. no drop
- 5 (374) 7 17. dead of embol. L.M.C. M.O. 3/8 of neck in dia. no drop
- 6 (377) 7 31. acute pleurisy. M.O. amts tip of little fing. ...
- 7 (397) 7 ? Neutral stenosis
- 8 (430) M 44. Extreme neutral stenosis
- 9 (+45) 7 33. Mit stenosis vs. truncated greatly narrowed. contracted  
 regit. dropy.
- 10 (458) M 25. Ext. neutral stenosis. dropy. dit. truncated.
- 11 (485) 7 35. Mit. inf. admitt. part of int. finger. no dropy
- 12 (493) M 19. Mit. stenosis mod. admitt. under fing. & int. joint  
 It did by of rt. heart. no dropy. dead day after adm.
- 13 (532) 7 39. no dropy. In adherent edge of flaps. Neutral exten.  
 only tip of little finger, L.V. small.
14. 7 Neutral stenosis
15. 7 39 Ext. mit stenosis average 36
16. M 39 Mod mit stenosis date 17. 61
- 17 (649) 7 24 dead of typhoid. Mod. contraction & thick  
 Neutral narrowed
- 18 word M. Neutral - also contracted & truncated
- 19 word 7
- 20 Burns M. at 60 Neutral stenosis. not that R
- 18 Female 6 months apron 24. d. 61 average ...





101 185 38 Case 3. of paper in Legum. archiv. Pneumonia  
Endocarditis Chorea ut Endocarditis.

Can med & Surg p. 1X. p 650  
cases which W. G. Johnson sent down

- 102 Froh. at 26 Sclerotic endocarditis, aortic valves. Fusion of  
two <sup>171</sup> segments. Inf in kid. apople dot in two lobes.
- 103 James Welch 24 Sclerotic endocarditis aortic. fresh. vegetation &  
abruption of Mitral
- 104 Burns 60 Mitral stenosis - 20 best obstruction, Post mitral  
segment most involved.  
X-X
- 105 Edw Morris 64 Dead of Pleuro-pneumonia in early stage. The Stenosis  
& calcification of mitral & aortic segments.
- 106 Gleason 42 Sclerotic aortic valvulitis, dot of mitral orifice.  
No other. Inf of over work.
- 107 Thomas Miller
- 108 August Lathier 33. Mitral & aortic ulcer endocarditis. Inf in spleen  
10 weeks after abortion
- 108 Geo Clarke. Tubercula peritonidis & pleuritis. Vegetation in 7  
Mitral aortic valves
- 109 (768) James W. Phthisis quoniam. Recent vegetat. between aortic 8  
segments  
P 27. p 35 recurs after removal, p 42 Phthisis vegetat  
endocarditis
- 110 Case 89. Empyema. Supp. hepatitis. appendix dis. Recent vegetation in  
Aortic segments, between anterior flaps. no other changes

- 87, <sup>590</sup> 7 at 50 Cancer. Canaries endocarditis - right side
88. 617 ♀ at 18 acute chorea a few beads in the mitral segment
89. 649 Female at 24 Dead of typhoid. Moderate contract of mitral orifice and roughening of the edges  
XVI
- 90 627 M 33 Aortic segment incompetent & crumpled. Aneurysm
- 91 629 ♀ 63 Aortic incompetent. Mitral also thickened 1370 gm  
14/
- 92 632 7. 40 Aortic segments coronary segments have fused, measure 3 3/4 cm. Normal one 3 cm. Ch endocard
- 93 669 7. Ext aortic stenosis. 2 segments fused, great calcen & recent vegetation. Single segment very hard & calcen. Infarcts in spleen  
137
- 94 to Nelson C M & S J X 1545 7 at 18. Phthisis mamma post partum 6  
Regulation on auricular surface of mitral seg-  
Large soft ends very near post papill muscle on R side
- 95 Wood p. 13 Narrowing of mitral orifice & curving with thickening of the aortic & incompetent.  
+VII
- 96 Wood p. 14. Gall. Aortic incompetency, curving of valves
- 97 Wood p. 39 Ulcerative endocarditis. Dr. Wilkins case. Aortic valves thick & sclerotic & prothrombosed. Old recent vegetation  
Mitral <sup>also</sup> the chorda ulcerated. Pneumonia m
- 98 Wood. p. 57. M. Mitral not ant. small vegetation on valve. Right & left coronary segments fused together. Ulcer of conjunct valve & vegetation. Some small on right  
16/
- 99 Wood p. 11 p. 51. M. Chv. Tom 7 35 Transpired narrowed. Aortic ext sten. Mitral also all these valves. No else. Chv. no vegetation  
XVIII
- 100 Nelson 7 Ulcerative Endocarditis. Mitral & Aortic. Pneumonia  
n 14

Sasaki. V.A. 96.

changes in 2 cases in gastric cells  
in aorta & ven. Ple. in ules

before divid spleen & med. for

2 Gastric ules for

Diarrhea at p.

Zuntkenhausen. Muc. in blood. in Per. air.

C + d. M.W. 4 1883

Ch. catarrhal atrophy of bowel. Nothing. For h. as in Vol 4

Sasaki

Has much in 1. Proved that the gastric ules for of p. p. air is und.

changes in the ules und

2 Pa. the changes in ules app. below p. p. air

(1) The changes in the ~~over~~ app. are und when the changes are in the  
p. p. air.



- 66. ~~Jan~~ 493. M. Mitral orifice stenosed. admits under finger. No vegetations  
 +) no aortic disease. P died d. after admi
- 67 496. C. Rob. died suddenly during conv for acute R. Mitral valves  
 thick at edge & covered with bead like vegetation  
 Endo in wall of left auricle. Small veg on aortic valves
- 68 497 7. 60 Aortic segments, 2 coronary have fused <sup>11/</sup> right  
 valve. 3/2 c. other no 27/4. P. thick & thick. Row of vegetations  
 in both. fibroid.
- 69 498. 7. H. not hyper. Mitral segment. pericarditis in  
 slightly thickened valves - ulceration case.  
Masses in fact in kidneys & in intestine & brain
- 70 500 M 40. Ulcer endo. mitral. & 2 aortic cusps. Inf in kidney  
 spleen & intestines. Bacteriemia Pneumonia
- 1 516 M 25. wound of Radial phlebitis. On ant seg of mitral  
 ulcer on both faces of ant segment. Py inf in lung
- 2 517. Rush. M. H 600 gr No old endoc. begun mitral both segments  
 Aortic RA ant seg destroyed. veg on the other. a  
 few veg in 1st part of aorta  
 Inf in spleen & kidney. sample one in intestine
- 3 524 M 38. <sup>man.</sup> Howard. phlebitis IV. Ross. c. vol 3 p. 41. p. 7 12  
 . Cancer & veg of the ant seg of mitral. Fusoid  
 ulcer. of coronary segments. thickened. no veg det. single segment  
 thick & covered with vegetations. Large supp in fact in  
 spleen. small in Kid
- 74 525 M. Mal jaundice. Left ant seg of aortic val fused  
 and & worn. others thick. H 450 gm



- 56 452. W. Droyey. Mitral normal. Aortic uncomp. edge folded  
no vegetation
57. ~~IX~~ 458 M 25 Mitral elevens. Ch. sclerosis present. No vegetat  
Aortic = little thick.
- 58 # 65 7 11 Chorea & a bit of ac Rh. <sup>0/15</sup> Beads of fresh endoc.  
at orif of coronary vein In left auricle very below poss  
orale. Mitral orif. narrowed. Irregular vegetation  
als. in aortic P. pneumonia
- 59 475 M at 11. Recent mitral vegetation. numerous  
infant. Inf in brain X + + good case
- 60 476 H. 600 grams. Mitral v. little beaded. Aortic  
Coronary veg. fused <sup>8/9</sup> together not much dise post. signat.  
x sub. ulcer + veg; ulcer 20 x 10 mm on L. In sinus of aort.  
legat & an aortic point which proj below by the ant leg of mit.  
Puriform softening in wall of auricle. Spleen infant.  
No inf in kidneys. Brain unexamined.
- 61 479 7. 75 Fusion <sup>9</sup> of two aortic segments, coronary & aortic with no  
vegetation. <sup>10</sup>
- 62 480 7. 11. Six of 11 lines. Mitral thick & numerous vegetation  
No inf in L.
- 63 482 M. 63 Pneum <sup>K</sup> of left lung. Carcinoma. Case VI. the upper Trans hilus. Corper  
ulcer endo. papill  
muscle & chordae. inf in kid
- 64 484 M. John <sup>10</sup> Crocker. Aortic valves. Rt. aortic & post segments have  
fused. Mem veg. Aneur. behind Cor with left aor  
left aortic ring in face. Mitral locally. No inf in L
- 65 485 7 25 Ext elevens. of mitral, fresh endoc. vegetation Aortic segments  
thick & opaque. Large vegetation. mem in lung 1/5/81

- 44 (73 in Papyrographic reports) / <sup>A B</sup> M. at 30. Pneumonia, Ulcerative <sup>#</sup> Case 3. part in Legum. arch.  
 disease central. cat. ant segment most. Aortic valve healthy  
 no signs of old mitral dis Small infarct
- 45 74 in Papyrographic reports, F. 77. Aortic unimpel. all seg shorten  
 vegetative. Mitral & only a few regala
- 46 385 M. Mitral opaque. not thickened much - aortic segments  
 all retracted & hard. H. Wt. 900 grams
- 7 393 M. at 47<sup>2</sup>. Mitral insuff.; flaps curled. vegetation  
 recent. Pneumonia <sup>2</sup> of left lung.
- 48 394 M 47 H. 380 gr. Aortic valve, crumpled, left anterior  
 chiefly affected. No vegetation
- 49 VI 397 F. Mitral stenosis 8/6/80.
- 50 403 F. Fract legs. Ulcer endoc. ant cur mitral.  
Pneumonia <sup>8</sup> Meningitis
- 51 <sup>m. 50</sup> 407 <sup>7/81</sup> Aortic segm have fused. crumpled small vegs. seg in  
 post seg. all thickened. Mitral valves normal.  
 Ulcer endocardis & abscess; <sup>K</sup> resolving pneumonia  
 case 10. Sub. Trans.
- 52 Phthisis 415, M left ant segment of aortic v. many bead like 4  
 vegetations
- 53 VII 430 Man 44 Mitral stenosis. cat. no rent by. Aortic healthy
- 54 436 M. 48 ch sder. thickening of IT ant seg of aortic 2 cm. others  
 3 cm. from nodele between two valves
- 55 VIII 445 F 33. Truncated stenosis. only adm. finger. Mitral stenosis  
 vegetation on edges. aortic valves. thick & vegetation ulceration  
 in cat. Recent in old endo. Infarct in spleen

- 33 Case CCCXXXI Caries of aortic. Abscess in wall of septum & left vent  
 & endocardit.
- 34 Case CCCXXXIII Old man. Gr Hy Gen. Basilar aneurism. Aortic  
 semilunar thick crumpled. rounded & thick. edge  $\frac{3}{4}$ " below  
 line of attachment of raphe.
- 35 " CCCXXXIV Only two semilunars in vent for aorta left vent &  
 half two with a small one between in the vent for right vent.  
 Case No. of paper on Card. aneurism. Dr. G.H.
- 36 " CCCXXXV <sup>36</sup> ~~F~~ Mitral stenosis extreme. Aortic valves thick. small  
 vegetation on rat
- 37 " CCCXLVII M. Aortic valves sclerotic. Rt. aortic seg crumpled. 9708  
 Calc. plates at base of aorta. No reg. no mitr. disease
- 38 CCC L Phthisis fibroid. M. Rt. aortic seg. 2 fresh pedunculated  
 vegetations
- 39 CCC LX Mitisis Vossigii Old sclerotic. of post seg. mitral. Large  
 calc. mass in middle of rat. Keeping it stiff. val normal in  
 either end. Aortic seg normal. Infund. in spleen. No reglet
- 40 CCC LXVI Male. Chr. scler. and of aortic segment. Left aortic seg  
 much crumpled - no vegetation
- 41 CCC LXXIV <sup>March 15 1880</sup> ~~F~~ Mitral stenosis, extreme. recent reg on aortic surface. In tri-  
 cuspid recent vegetat. on aortic face. cerebral softening  
 vegetations in aortic valves
- 42 CCC LXXVII <sup>March 15 1880</sup> ~~F~~ Mitral stenosis. narrow. great sclerotic. head like vegetation  
 in aortic valves
- 43 CCC LXXVIII M. 43. Mitral small head vegetation. aortic. left aortic. great  
 reglet. 1/2 of seg destroyed. Par. sarcosites <sup>2</sup> Pulmonaria small of aorta

1

III

IV

B

see page 44

IV

- 1 C LXXIX M. at 40. sudden. Rt anterior & post segments fused  
 valves opaque & thick. ch. val ends
- 2 CLXXXI  
 II W. et 49. Embol brain. Mitral stenosis. Aortic v. comped  
 Transp. a little thick - no vegetation  
 Infarcts in kidneys & spleen - NB. This with no vegetation
- 3 CLXXXVII W. et 78. Embol of mesenteric arteries. Heads of regital. recent  
 & egg of pear in mitral. wh are a little thick. Necrosis  
 of d. of pericard.
- 4 CCXXI M. 19. Ant flap of mitral loose & chordae, both surfaces  
 covered with vegetation. Reg on vent wall opposite  
 a few reg in aortic v.
- 5 CCXXXII Obd of pul arley. Transp. stenosis. patent of vent septum  
 permanent
- 6 CCXXXIII M. et. #. 7 10 80, Mit & aortic valves thickened & rather  
 shrunken. ch. scler. valvular.
- 7 XLIV Jw. male at 59. Hyper & dilatation. no valve disease
- 8 CCXXXIX T. T. et 68. Hyper & dil. Heart no val disease. Hoop Report
- 9 CCXLII 729 Pneumonia. meningitis. Mit. endocarditis. The aortic  
 valves a little fresh & sclerotic. but ~~are~~ fresh regulat on one <sup>mit</sup>  
 valve fresh regat. - mit reg. both vent & aor. surfaces
- 10 CCLII Pre med obs of primum valve
- 1 CCLXXII M. 40. Aortic valves sclerotic fibrosclerotic. no veg. Ant  
 us of mitral <sup>all</sup> thick toward aor. ring. H. 580 gm
- 2 CCLXXIV aortic. M. on free surface of rt anterior segment of aortic  
 3 firm fibrous pointed projection little transformed vegetation  
 valves a little sclerotic

- 12 C VII 7.60 Pneumonia <sup>d</sup> Thickened mitral & aortic valves. On the latter <sup>small</sup> numerous recent vegetations. Defects in spleen
- 13 C VIII 7. 19. Phthisis. Mitral valve thin. many recent vegetations on aur. face.
- 14 C XI 7 140 Purpura spots. Veg on aur surf of mitral valve. Very large vegetation from the aortic segment. Pneumonia <sup>ei</sup> of left lung. no infarcts
- 15 C XXXI M 80. Ulcer colitis. Aortic valves numerous vegetations some calcified
- 16 C XXXV M 25 H. hyper. Fusion <sup>3</sup> of two valves rt & left. Ulcers of aortic segment. Fig. I of plate. Old spleen. No mitral disease
- 17 CXL I. M. 41. H. hy. Aortic. rt segment fresh veg. & perforation. also lung fleshy veg on left & post. Mitral valve normal
- 18 CLIX M 20 H. Heart. Fusion <sup>4</sup> of two segments. The coronary. fig 2 of plate fresh endoc. on vent wall at base of mitral.
- 19 { CLXIII Rt anterior & post. aortic segments do not directly join the aortic wall but unite first on a piece 3 lines in length valves healthy
- 19 CLXVIII M 40. Sclerosis & shortening aortic segments. rt. aortic seg. partly a few small bejel on border
- 20 CLXXVI M 4 mos. ~~P~~ stenosis of Pul artery

Case XVI

M. at 60. Aneurysm aortic. H. 20 oz 3d. M. thickened. Aortic all seg. diseased May Reg. One the right ant eaten away in 1/2 thickness Inf. in spleen

XXXIX

W. 50. H. 20 oz. No special val lesion. aortic v. a little thick but competent. No special part. Kidneys 6/10 of each. Hard cysts in liver. No dropsy great venous congestion Left vent 1 inch thick

L

M. H. 23 oz dropy. Aortic valves. 2 fused <sup>1</sup>. Atheromatous 3 coronary opening above the compressed valves. Fig 3 of plate in Fusion of valves

XXXV.

M. death of Typhoid. 2 aortic segments fused <sup>2</sup> & thickened not much hyper.

L VII

M. 60. Emphysema. Aortic valves thickened & calcified. Regurgitation in aorta just above the coronary arteries orifices

XV

F. 22. Pneumonia. Empyema ceteris. vegetation in mitral

LXVIII

Phthisis. warty endocarditis of mitral

LXXXIII

Recess of tibia acute endocarditis. on rt vent wall. & a small purulent focus in septum. pyemic infarct in lungs

LXXXIX

W. at 61. Accidentally killed. Mitral stenosis. calcareous

I

One aortic segment with vegetation

C II No 31

Pneumonia Emphysema Mit V. a little thick and present recent venous regurgitation

C III

F 17. Pneumonia. Old mitral aortic. & tricuspid narrowed recent regurgitation in mit. aortic and bicuspid. Scleroses in illu. No infarcts

Sept. 1891

1	Case 70	none	28 (Gordong, p 109)	none
2	" 104	none	29 " " 101	none
3	110	none	30 wood 71	none
4	131	" "		
5	Case 135	" " none		
6	Case 137	" "		
7	Case 191	" "		
8	" 192	" "		
9	211	" "		
10	212	" "		
11	235	" "		
12	237	" "		
13	257	" "		
14	269	" "		
15	295	" "		
16	301	" "		
17	321	" "		
18	354	" "		
19	432	" "		
20	446	" "		
21	527	" "		
22	528	" "		
23	534	" "		
24	574	" "		
25	622	" "		
26	657	" "		
27	638	" "		





